Final Phase II Environmental Site Assessment
and
Removal Activities Report

United States Department of Agriculture
Former Los Banos Field Office
745 West J Street, Los Banos, California

June 2013

Prepared for:

United States General Services Administration
Real Property Utilization and Disposal (9PZ)
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Certification

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I certify that the work presented in this report was performed under my supervision. To the best of my knowledge, the data contained herein are true and accurate and the work was performed in accordance with professional standards.

Thomas Berry 6/26/2013

Thomas Berry, PG, CEG
Project Manager
CE2 Corporation

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Table of Contents

Section **Page**

Figures

Tables

Appendices

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1.0 Introduction

This report has been prepared by CE2 Corporation (CE2) to document the Phase II Environmental Site Assessment (ESA) and materials removal activities at the vacant Former United States Department of Agriculture (USDA) Field Office located at 745 West J Street, Los Banos, California (Figure 1). This work was conducted as a follow up on recommendations made in a Phase I ESA prepared by AMEC Environment & Infrastructure, Inc. (AMEC) dated July 3, 2012 (AMEC, 2012) under contract with the United States General Services Administration (GSA) on behalf of the property owner: the USDA Natural Resources Conservation Service (NCRS) in preparation for disposal of this real property. The Phase II ESA and removal activities reported herein were performed in accordance with CE2's January 23, 2013 revised proposal to the GSA, under GSA's March 7, 2013 award (Requisition/Reference Number 9P2PZA-13-007; Order Number GS-P-09-13-CF-0003; Contract Number GS-10F-0310R). This Phase II ESA also included the additional scope of performing a geophysical survey to locate the closed-in-place underground storage tank (UST), and additional waste removal as authorized by two subsequent contract modifications.

2.0 Background and Objectives

The objectives of this work were to implement specific recommendations of a Phase I ESA performed on the property by as specified in the GSA's Request for Proposal (RFP) and described below:

- Install soil borings to identify if past releases have occurred from a former (closed-in-place in 1953) gasoline underground storage tank (UST), located in the paved area between the two site buildings.

  According to the Phase I ESA, the UST was closed in place in 1953 by being filled with sand, and has not been used since. Merced County provided USDA a letter dated a June 14, 1995 approving the in-place closure (Block, 1995). According to documents provided to the GSA by USDA, the capacity of the UST was 1,000-gallons.

- Install soil borings to identify if past releases have occurred from an existing hydraulic lift.

  At the time of this work, the only lift system components still in place included the 12-inch diameter, 7.5-foot deep steel exterior lift cylinder and below-floor piping that runs southwest between the lift cylinder and the adjacent soils lab room. The piping is approximately 2-inch diameter galvanized steel that exits the floor along the western lift room wall where it penetrates the wall into the adjacent soils lab room. This pipe is not connected to any equipment inside that room.

- Remove residual fluid from the in-ground cylinder of the hydraulic lift.

- Remove discarded chemicals, used petroleum products, and tires at a licensed facility in accordance with applicable regulations.

- Cleanup and dispose of debris in the horticultural/storage areas of the Administration Building, and clean those areas to reduce the potential for hantavirus.

3.0 Regulatory Framework

Impacts to groundwater from contaminant releases are regulated by the California State Water Resources Control Board (SWRCB). In Merced County, SWRCB policy is implanted by the California Regional Water Quality Control Board – Central Valley Region (CVRWQCB). The SWRCB's September 2012 Leaking Underground Fuel Tank Manual (SWRCB, 2012) specifies that hydraulic lift tanks containing hydraulic oils were permanently exempted from UST regulation by SWRCB due to the technical finding that these base oils present little risk to human health or groundwater quality. This guidance also mentions that California Health and Safety Code, Section 25299.2 gives authority to local agencies to regulate hydraulic lift tanks under their own authority. There is no hydraulic oil tank remaining at the site, and therefore, because this is federally owned property, jurisdiction for addressing releases would fall to the CVRWQB.

4.0 Site Description

The approximately 0.41 acre rectangular parcel is located in a mixed-use (commercial and residential) area with frontage on West J Street and Maryland Avenue (Figure 2). It is developed with the following two buildings:

- A 2,966 square-foot, one-story building (referred to in the RFP as "Administrative Areas" on the northern portion of the parcel. The western portion of the building is administrative office space. The eastern portion of the building contains two rooms, referred to in the RFP as "horticulture/storage areas."
- A 2,453 square-foot building on the southern portion of the parcel. The western portion of the building has two rooms, one small room identified as the "soils lab" with a sink and a larger high-ceiling room used as a garage containing the former hydraulic lift. This room contains the subsurface portion (in-ground cylinder) of a hydraulic lift (referred to as a "vault" in the RFP). Adjoining the hydraulic lift room, to the east, is a covered area used as parking bays.

The two buildings are separated by an asphalt-paved area, with an entrance from Maryland Avenue. At the entrance is a raised concrete pad that was indicated in the Phase I ESA to be the location of the former fuel island for the closed-in-place gasoline UST.

5.0 Drilling and Sampling Investigation Activities

The following discusses the activities associated with the drilling and soil and groundwater sampling of six soil borings onsite.

5.1 Pre-Drilling Activities

Prior to drilling, CE2 field-marked the planned drilling areas and notified Underground Service Alert-North (USA North) of the proposed drilling activities. CE2 also retained a private utility locator who conducted onsite utility locating on March 28, 2013.

The exact location/layout/dimensions of the gasoline UST were not specified in the Phase I ESA, and GSA had no additional information. In order to identify optimal boring locations, the utility locating subcontractor utilized ground-penetrating radar (GPR) and a magnetometer to

successfully locate and delineate the layout of the UST. The survey indicated that the UST is approximately 10 feet long by 5 feet wide, and its top may be as shallow as 1 to 2 feet below existing pavement grade. These dimensions are consistent with a typical 1,000 gallon capacity UST. The footprint of this UST is shown on Figure 2. The survey and our visual inspection also indicate the presence of three 0.5-inch to 1-inch diameter metal pipes that daylight vertically through the former fuel island concrete pad. The survey indicated that two of the pipes run from the UST. The other conduit appeared to be an electrical conduit extending south parallel to Maryland Avenue.

CE2 confirmed with the Merced County Department of Environmental Health (MCDEH) that county-issued drilling permits were not required because the property is federally owned and is therefore exempt from this County requirement.

5.2 Drilling and Sampling Activities

Drilling and sampling was conducted on April 2 and 3, 2013 from six boring locations shown on Figure 2. Figures 3 and 4 show closer detail of the drilling locations for the two areas of interest, the gasoline UST location, and the hydraulic lift location, respectively. Drilling and sampling procedures, followed by location-specific information is discussed below. Photodocumentation of field activities are included in Appendix A. Boring logs are included in Appendix B.

Borings were drilled with a truck-mounted Geoprobe 6600 rig (at the gasoline UST location), and with a Geoprobe Badger limited-access rig (at the interior hydraulic lift location). Drilling was conducted by Vironex, Inc. (Concord, California; C-57 license number 705927). Drilling and sampling activities were supervised by a CE2 California Professional Geologist.

To minimize the potential for impacting unidentified subsurface utilities, the upper five feet of each boring was hand-augered. Beginning at five feet below ground surface (bgs), continuous core samples were collected in acetate sleeves (five-foot long sleeves at the gasoline UST borings, and three-foot long sleeves at the hydraulic lift borings). Recovered soil core was visually inspected for evidence of contamination and for geologic logging. A photoionization detector (PID) was used to screen recovered soil for evidence of ionizable vapors (an indication of contamination). Because there was no visual, olfactory, or PID measurement evidence of contamination, one soil sample was collected from each boring just above the capillary fringe (i.e. just above first occurrence of groundwater) as specified in the RFP.

Soil samples retained for laboratory analysis were collected as follows. Each end of the six-inch section of the acetate sleeve for the desired depth interval was sealed with Teflon tape and then covered with non-reactive plastic caps. The sample was labeled and placed in an iced cooler, and the required information was recorded on a chain-of-custody form. The laboratory analytical report and associated chain-of-custody form are included in Appendix C.

Soil samples were individually named according using the following convention. Example: B1-S-13.5’ Where “B1” indicates Boring #1; “S” indicates soil; “13.5’” indicates the 6 inch-long sample was collected from 13.5 to 14.0 feet bgs.

Following soil sampling at each boring, new ¾-inch diameter PVC casing (with 5 feet of screened interval) was emplaced in the boring for grab-groundwater sampling. Borings were advanced to approximately three feet below the depth where measurable groundwater (using an electric water level indicator) rose to in the open borehole.

At the gasoline UST borings, grab groundwater samples were collected from Borings 1, 2, and 3

with new disposal bailers to minimize potential loss of targeted volatile constituents due to sample agitation. Samples from the hydraulic lift area were not to be analyzed for volatile constituents so grab groundwater samples from Borings 4, 5 and 6 were collected with a check-ball assembly at the bottom of new Tygon tubing.

Grab-groundwater samples were placed in containers appropriate to the requested analyses:

- Gasoline and fuel additives: four 40-ml volatile organic analysis [VOA] vials pre-preserved with hydrochloric acid.
- Polychlorinated biphenyls (PCBs): two 1-Liter amber glass jars.
- Hydraulic oil-range organics: two 1-Liter amber glass jars.

Soil and groundwater samples were transported under chain-of-custody in iced coolers to the analytical laboratory.

Following sampling, borings were grouted to surface with a slurry of Portland cement, bentonite powder, and potable water.

Downhole drilling and reusable sampling equipment was decontaminated between each boring by washing with a detergent solution and rinsing with potable water.

Waste soil was containerized in a labeled steel 55-gallon drum (approximately ¾ full). Equipment decontamination rinsate was containerized in a separate labeled steel 55-gallon drum (approximately 15 gallons) and were stored inside a secured room pending receipt of analytical results. Based on the analytical results of the boring samples described below, these drums were transported offsite as non-hazardous waste on April 29, 2013 by Advanced Chemical Transport (ACT) (Sunnyvale, California) to ACT's Merced, California facility (where the waste was bulked with other similar waste streams prior to ultimate disposal). Appendix D contains waste transport documentation.

6.0 Investigation Results

Results of the subsurface investigation are discussed below.

6.1 Soil Lithology and Water Levels

Borings B1, B2, and B3 were advanced east-northeast of the closed-in-place gasoline UST to coincide with the assumed groundwater flow direction (Figure 3). Soil lithology was predominantly silty clay to approximately 10 feet bgs in borings B1 and B2 underlain by more permeable silty or clayey sand to the explored depth of 20 feet bgs. Increased gravel content was observed in the last few inches of boring B2. Silty clay was encountered throughout the entire profile of boring B3 to its total explored depth of 21 feet bgs.

Boring B4, B5, and B6 were advanced east-northeast of the hydraulic lift cylinder to coincide with the assumed groundwater flow direction (Figure 4). Silty clay was observed from just below the concrete floor to depths of between 8 and 15 feet bgs, underlain by alternating layers of clayey sand and silty to gravelly clay.

First occurrence of groundwater (evidenced by moisture in the soil cores) was between 14 and 15 feet bgs at the gasoline UST location, and was between 16 and 18.5 feet bgs at the hydraulic lift area. In general, an approximately 2 to 3-foot thick groundwater capillary fringe was observed in each boring. Depth to free-standing groundwater measured with an electric water level indicator rose to a depth between 17 to 18 feet bgs in all borings except boring B3 where water rose to about 14.2 feet bgs. One boring (B6 in the lift area) was allowed to stand open for 12 hours (overnight) and water level did not rise appreciably over that time. In the majority of borings, groundwater entry into casing screens was very slow.

6.2 Evidence of Contamination During Drilling

There was neither visual, olfactory, nor PID evidence of contamination in any of the borings, including no observed separate-phase hydrocarbons (i.e. free product).

6.3 Analytical Results

Analytical results are presented as they relate to two potential contaminant release locations; the closed-in-place gasoline UST, and the hydraulic lift.

6.3.1 Closed-in-place Gasoline UST

As shown on Figure 3, one soil sample and one grab-groundwater was collected from each of three borings in the immediate vicinity of the gasoline UST:

- Boring B1: approximately 2 feet downgradient (east-northeast, as indicated in the RFP and the Phase I ESA) of the UST.
- Boring B2: approximately 15 feet downgradient (east) of the gasoline UST.
- Boring: approximately 15 feet downgradient (northeast) of the gasoline UST.

Soil and groundwater samples from the three gasoline UST borings were analyzed for the following:

- Total petroleum hydrocarbons as gasoline, by EPA Method 8015B.
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX), and fuel additives including di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), methyl tertiary butyl ether (MTBE), tertiary amyl methyl ether (TAME), and tertiary butyl alcohol (TBA), by EPA Method 8260B.

Tables 1 and 2 summarize the soil and groundwater analytical results, respectively. No analytes were detected above method reporting limits in any of the soil or groundwater samples collected from the three gasoline UST area borings.

6.3.2 Hydraulic Lift

As shown on Figure 4, one soil sample and one grab-groundwater was collected from each of three borings in the immediate vicinity of the hydraulic lift cylinder:

- Boring B4: approximately 2 feet downgradient of the cylinder.
- Boring B5: approximately 6 feet downgradient (east) of the cylinder.
- Boring B6: approximately 9 feet downgradient (northeast) of the cylinder.

Soil and groundwater samples from the hydraulic lift borings were analyzed for the following:

- Hydraulic oil-range organics, by EPA Method 8015B.
- PCBs, by EPA Method 8082A.

Tables 3 and 4 summarize the soil and groundwater analytical results, respectively.

PCBs were not detected above method reporting limits in any of the soil or groundwater samples collected at the hydraulic lift area borings.

Hydraulic oil-range organics were not detected above method reporting limits in any of the three soil samples.

Hydraulic oil-range organics were detected in groundwater from two of the three borings: 130 μg/L (micrograms per liter) at boring B5, and 400 μg/L at boring B6. Hydraulic oil-range organics were not detected in groundwater in boring B4 immediately adjacent to the lift cylinder.

7.0 Removal of Fluid from the Hydraulic Lift Cylinder

Figure 4 shows the hydraulic lift area. The hydraulic lift system at the time of this work included a 12-inch diameter steel cylinder and below-floor piping that runs southwest between the lift cylinder, exits the floor and enters the adjacent soils lab room. The cylinder depth was measured as 7.5 feet bgs with a closed bottom. Hydraulic lifts commonly contain an inner piston-driven ram (presumably previously removed) and a below-grade oil supply pipe (entering the bottom of the cylinder) connected to a small (e.g. approximately 20-gallon) reservoir tank that is pressurized by an aboveground air compressor. While the aboveground air compressor was not present, we noted the presence of an approximately 2-inch diameter galvanized pipe in the rear of the lift room (to the southwest of the cylinder), emanating from the concrete floor and passing through the wall to the adjoining soils lab room where the pipe was disconnected. The utility locating subcontractor confirmed the layout of the below grade pipe (between the cylinder and the aboveground stub), and we visually observed a pipe connection entering near the base of the cylinder at an orientation coinciding with the surveyed below-grade pipe. It is possible that this pipe supplied hydraulic oil to the lift cylinder during its operation from a small above-ground reservoir tank in the soils lab room which was has been previously removed. The sub-floor depth of this pipe could not be ascertained, however the utility locator estimated the depth of this pipe to be 15" below grade. Its horizontal location was detected by the utility surveyor and is shown on Figure 4. The pipe may travel at a shallow depth horizontally to the edge of the cylinder and then extend vertically down to its base or it may be angled at some point to reach the base of the cylinder.

On March 28, 2013 we measured the fluid level in the cylinder at 78 inches deep a calculated a volume of approximately 37 gallons. The fluid appeared to be water with a slight petroleum sheen. The fluid was removed with a vacuum truck stinger, and was transported under uniform hazardous waste manifest to U.S. Ecology Nevada Inc.'s Beatty Nevada disposal facility. Appendix D contains a copy of the manifest. Prior to transport, CE2 obtained a temporary U.S. EPA generator ID number for USDA. On April 2, 2013 (five days after the fluid was removed) and again on April 29, 2013 (27 days after the fluid was removed), we confirmed that no fluid had re-entered the cylinder (i.e. from groundwater entering the cylinder, or draining from the pipe).

8.0 Removal of Discarded Chemicals, Used Tires, and Petroleum Products

Discarded chemicals, used tires and petroleum products were removed from several interior areas of the onsite buildings, including:

- The two rooms at the eastern end of the northern Administrative Building referred to as the horticulture/storage areas (Figure 2).
- The room containing the hydraulic lift in the southern building (Figure 2).

These materials included those specified in the GSA RFP, as well as additional materials discovered by CE2 during our site work. The materials were categorized based on container labels, or underwent a "haz cat" (hazard categorization via field testing) if labels were missing. The containers were placed in labeled "overpack" containers specific to their hazard type. The materials were removed on March 28 and April 29, 2013 by Advanced Chemical Transport (ACT) (Merced, California), a licensed waste hauler. Hazardous wastes were transported under Uniform Hazardous Waste Manifest procedures. Non-hazardous wastes were transported under bills of lading. Table 5 lists the materials that were removed, the areas from which they were removed, and the disposal facilities. Appendix D contains inventories and transport documentation.

9.0 Cleanup in the Administrative Building Areas

Following removal of the chemicals (see previous subsection), CE2 oversaw ACT clean up and disposal of waste materials in the two horticultural/storage areas located at the east end of the Administrative Building. The objective of this task was to reduce the possibility of hantavirus.

All waste materials were removed from the buildings. The shelves and tops of cabinets were swept and cleaned with dry rags, and the floors were swept. These surfaces were then sprayed twice with a garden-type hand sprayer using a chlorine bleach + potable water solution. Following all CE2 activities in these rooms, the plywood over the two doors (installed by others prior to our work) were re-installed by screwing (3 inch-long wood screws) them onto the door frames/surrounding walls.

The approximately five cubic yards of waste materials removed from the two rooms was disposed of at a local sanitary landfill. These materials included scrap wood, scrap metal, PVC irrigation piping, empty plastic containers, cardboard, small cloth bags of soil, several hand tools, and six large boxes of miscellaneous trash). As directed by GSA, several large items that did not fit on the truck were returned to the easternmost room. This included: plastic ducting, plywood sheets, wood posts, a wood door, and a metal USDA sign mounted on a wood post.

10.0 Summary and Conclusions

- There was neither visual, olfactory, nor PID evidence of contamination in any of the borings, including no observed separate-phase hydrocarbons (i.e. free product).
- Neither gasoline nor gasoline-related additives were detected in soil or groundwater in the three borings located downgradient of the closed-in-place UST.
- PCBs were not detected in soil or groundwater in the three borings downgradient of the hydraulic lift.
- Hydraulic oil-range organics were not detected in soil samples from the three borings located downgradient of the hydraulic lift.
- Hydraulic oil-range organics were detected (up to 400 μg/L) in groundwater in two of the three borings, in groundwater only. The regulatory agency that governs contaminant impacts to groundwater (SWRCB, through the CVRWQCB) specifically excludes hydraulic lift tanks from UST regulation due to the low risk to human health and groundwater quality from hydraulic oil (SWRCB, 2012). The CVRWQCB does not have specific numerical clean up criteria for hydraulic oil in groundwater, however the results of this investigation should be reported to this agency..
- Approximately 37 gallons of residual fluid (water with a slight petroleum sheen) was removed from the interior of the hydraulic lift cylinder and transported offsite for proper disposal. No fluid accumulated in the cylinder after 27 days following fluid removal. The cylinder bottom lies over 7 feet above the local water table and there does not appear to be residual fluid from the sub-floor line that would drain into the cylinder. This hydraulic lift cylinder is located within a roofed building and a loose steel cover plate lies over the top of the cylinder.
- Discarded chemicals, used tires, petroleum products and miscellaneous non-hazardous materials were transported offsite for proper disposal, including those identified in the RFP and additional chemicals that were found during CE2's initial site visit for drilling location marking.
- The two horticulture/storage area rooms at the east end of the Administrative Areas building were cleaned up to reduce the risk of hantavirus, including: removal and offsite disposal of the majority of waste materials, sweeping accessible horizontal surfaces (floors, shelves, and cabinet tops) and subsequent double-disinfection of accessible surfaces with a bleach + water solution.

11.0 Recommendations

- Because hydraulic oil-range hydrocarbons were detected in groundwater, CE2 recommends that this report be provided to CVRWQCB.
- CE2 further recommends that this report (and any associated resultant regulatory agency determination) be made available to potential future property purchasers.

12.0 References

AMEC Environment & Infrastructure, Inc. (AMEC). 2012. *Phase I Environmental Site Assessment, Former USDA Los Banos Field Office, 745 West "J" Street, Los Banos, California.* July 3.

Block, David W, Merced County Department of Public Health (Block). 1995. Letter to Nathaniel M. Deutsch, USDA-NRCS regarding Underground Storage Tank (UST) Facility, 745 West J Street, Los Banos, CA. June 14.

California State Water Resources Control Board (SWRCB). 2012. *Leaking Underground Fuel Tank Guidance Manual.* September.

CE2 Corporation (CE2). 2013. *Sampling and Project Execution Plan for Phase II Environmental Site Assessment and Removal Activities, Former USDA Los Field Office, 745 West "J" Street, Los Banos, California.* March 14.

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Figures

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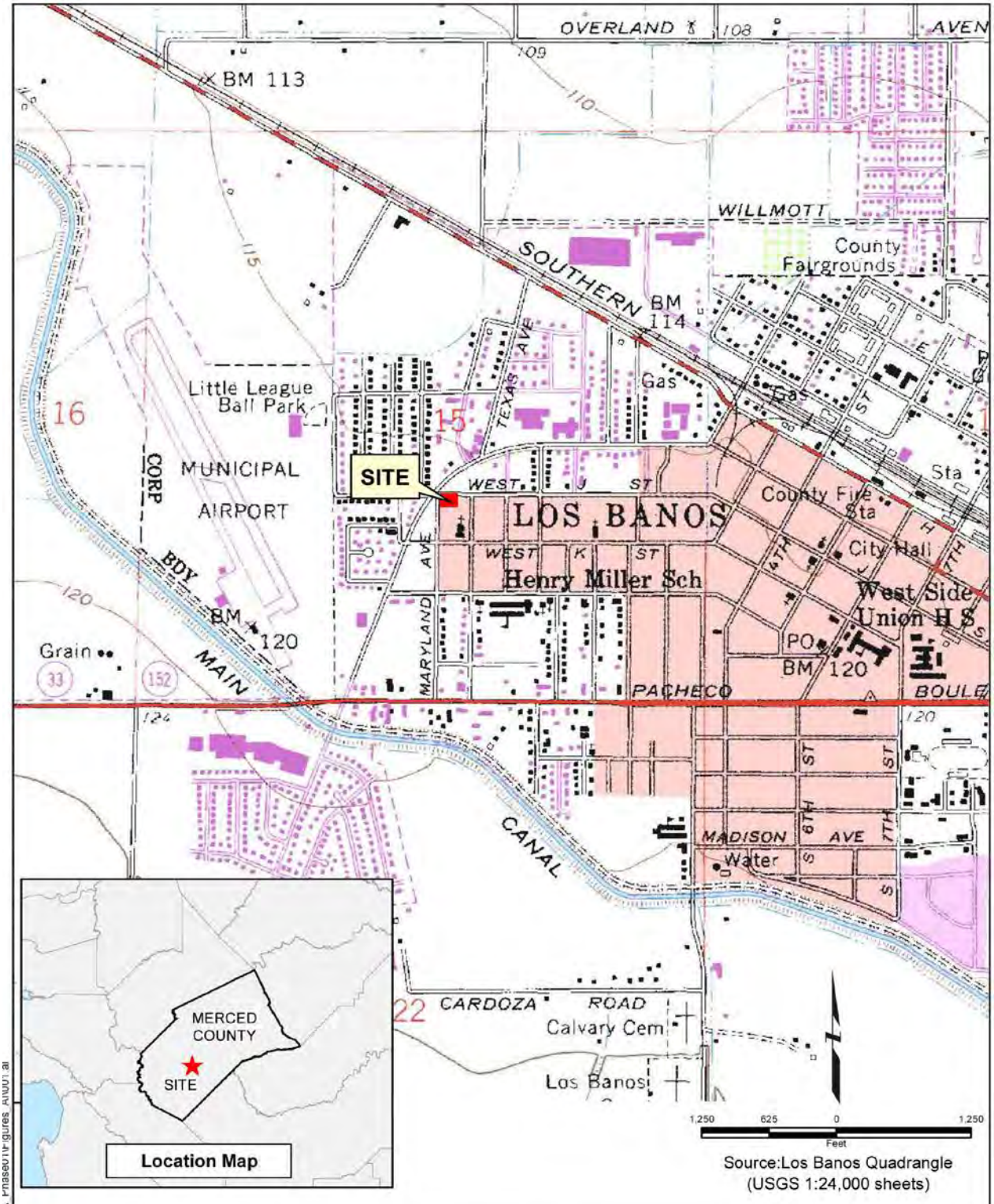

	Site Location Map Former USDA Los Banos Field Office 745 West "J" Street Los Banos, California	Figure **1**

Site Map
Former USDA Los Banos Field Office
745 West "J" Street
Los Banos, California

Figure
2

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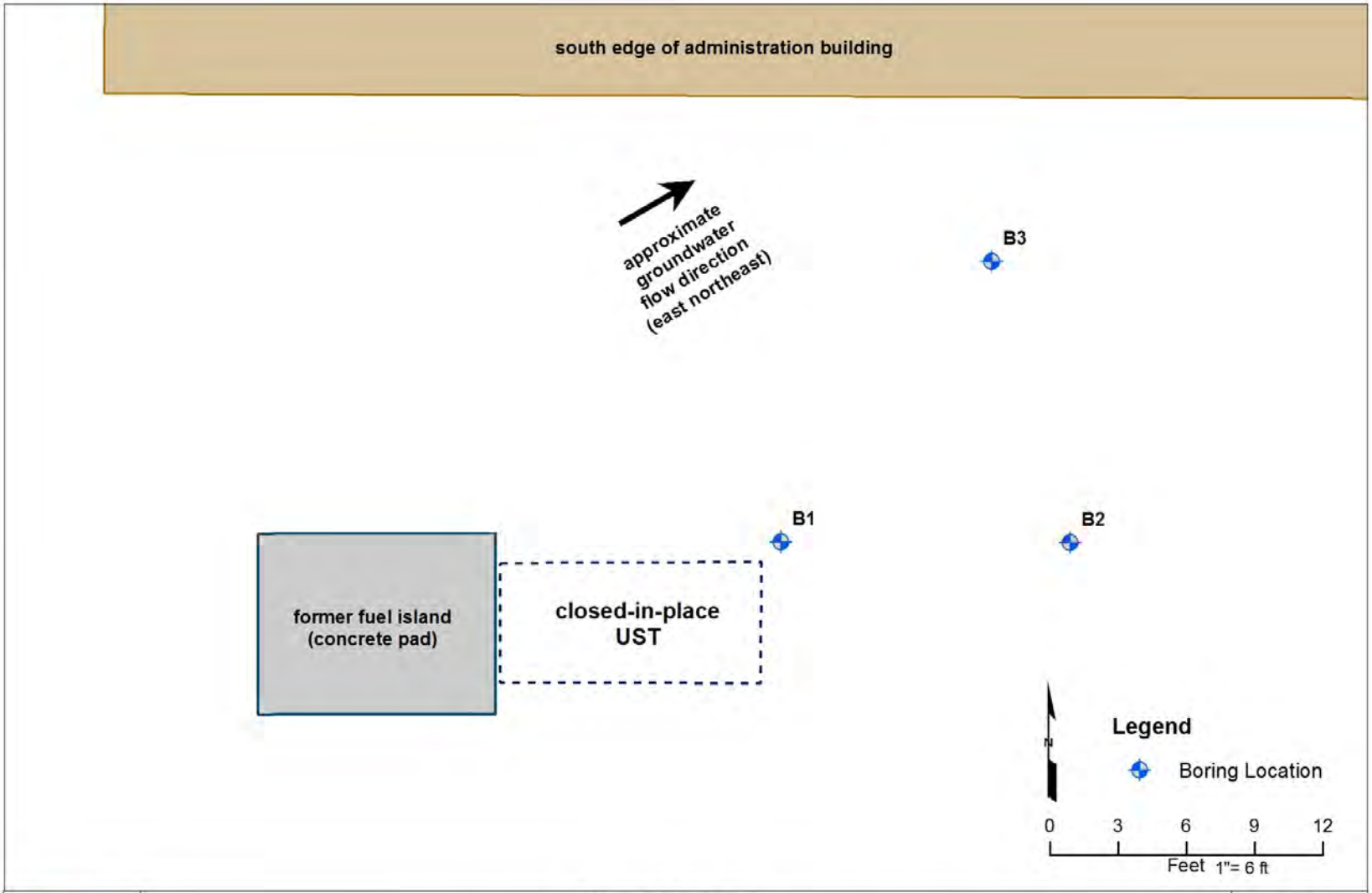
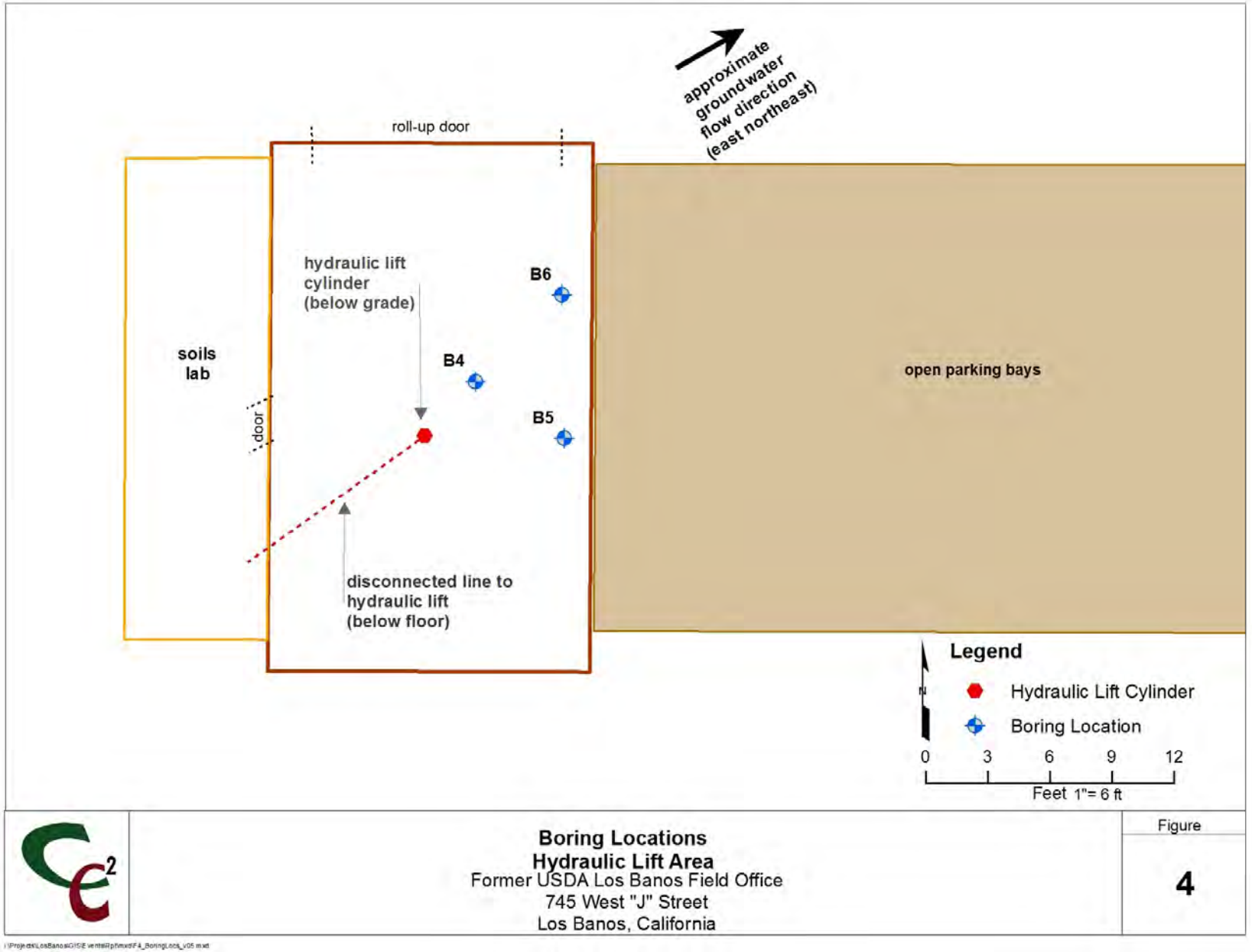


Boring Locations
Gasoline Underground Storage Tank Area
Former USDA Los Banos Field Office
745 West "J" Street
Los Banos, California

Figure
3


approximate groundwater flow direction (east northeast)
roll-up door
hydraulic lift cylinder (below grade)
B6
B4
B5
soils lab
door
open parking bays
disconnected line to hydraulic lift (below floor)
Legend
Hydraulic Lift Cylinder
Boring Location
0 3 6 9 12
Feet 1"= 6 ft
Boring Locations
Hydraulic Lift Area
Former USDA Los Banos Field Office
745 West "J" Street
Los Banos, California
Figure
4

Tables

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Table 1. Soil Analytical Results - Gasoline Underground Storage Tank Area

Analyte	Units	Boring B1	Boring B2	Boring B3
		Field Sample ID: B1-S-13.5'	Field Sample ID: B2-S-13.5'	Field Sample ID: B3-S-14'
		Lab Sample ID: 720-48842-1	Lab Sample ID: 720-48842-2	Lab Sample ID: 720-48842-3
		Sample depth: 13.5 to 14 ft bgs [1]	Sample depth: 13.5 to 14 ft bgs [1]	Sample depth: 14 to 14.5 ft bgs [1]
		Sample date: 4/2/2013	Sample date: 4/2/2013	Sample date: 4/2/2013
TPH-GRO	µg/kg	< 240	< 240	< 250
MTBE	µg/kg	< 4.8	< 5.0	< 5.0
Benzene	µg/kg	< 4.8	< 5.0	< 5.0
Ethylbenzene	µg/kg	< 4.8	< 5.0	< 5.0
Toluene	µg/kg	< 4.8	< 5.0	< 5.0
Xylenes, Total	µg/kg	< 9.7	< 9.9	< 10
TBA	µg/kg	< 9.7	< 9.9	< 10
DIPE	µg/kg	< 4.8	< 5.0	< 5.0
TAME	µg/kg	< 4.8	< 5.0	< 5.0
ETBE	µg/kg	< 4.8	< 5.0	< 5.0

Notes and abbreviations:
[1] = Sample depth interval corresponds to top and bottom of approximately 6-inch long soil core, just above capillary fringe.
DIPE = di-isopropyl ether
ETBE = ethyl tertiary butyl ether
ft bgs = feet below ground surface
mg/kg = micrograms per kilogram
MTBE = methyl tert-butyl ether
TAME = tertiary amyl methyl ether
TBA = tertiary butyl alcohol
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics (carbon range: C5-C12)
"<" = The compounds or analyte was analyzed for but not detected at or above the stated method reporting limit.

Table 2. Groundwater Analytical Results - Gasoline Underground Storage Tank Area

Analyte	Units	Boring B1	Boring B2	Boring B3
		Field Sample ID: B1-GW	Field Sample ID: B2-GW	Field Sample ID: B3-GW
		Lab Sample ID: 720-48842-5	Lab Sample ID: 720-48842-7	Lab Sample ID: 720-48842-6
		Sample depth: ~ 14 to 19 ft bgs [1]	Sample depth: ~ 15 to 18 ft bgs [1]	Sample depth: ~ 15 to 18 ft bgs [1]
		Sample date: 4/2/2013	Sample date: 4/2/2013	Sample date: 4/2/2013
TPH-GRO	µg/L	< 50	< 50	< 50
MTBE	µg/L	< 0.50	< 0.50	< 0.50
Benzene	µg/L	< 0.50	< 0.50	< 0.50
Ethylbenzene	µg/L	< 0.50	< 0.50	< 0.50
Toluene	µg/L	< 0.50	< 0.50	< 0.50
Xylenes, Total	µg/L	< 1.0	< 1.0	< 1.0
TBA	µg/L	< 4.0	< 4.0	< 4.0
DIPE	µg/L	< 0.50	< 0.50	< 0.50
TAME	µg/L	< 0.50	< 0.50	< 0.50
ETBE	µg/L	< 0.50	< 0.50	< 0.50

Notes and abbreviations:
[1] = Depth interval corresponds to temporary well screen interval.
DIPE = di-isopropyl ether
ETBE = ethyl tertiary butyl ether
ft bgs = feet below ground surface
mg/L = micrograms per liter
MTBE = Methyl tert-butyl ether
TAME = tertiary amyl methyl ether
TBA = tertiary butyl alcohol
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics (carbon range: C5-C12)
"<" = The compound or analyte was analyzed for but not detected at or above the stated method reporting limit.

Table 3. Soil Analytical Results - Hydraulic Lift Area

Analyte	Units	Boring B4	Boring B5	Boring B6
		Field Sample ID: B4-S-17'	Field Sample ID: B5-S-14.5'	Field Sample ID: B6-S-14.5'
		Lab Sample ID: 720-48842-10	Lab Sample ID: 720-48842-9	Lab Sample ID: 720-48842-4
		Sample depth: 17 to 17.5 ft bgs **1**	Sample depth: 14.5 to 15 ft bgs [1]	Sample depth: 14.5 to 15 ft bgs [1]
		Sample date: 4/3/2013	Sample date: 4/3/2013	Sample date: 4/2/2013
TPH-HO	µg/kg [2]	< 49,000	< 49,000	< 50,000
PCB-1016	µg/kg	< 49	< 50	< 49
PCB-1221	µg/kg	< 49	< 50	< 49
PCB-1232	µg/kg	< 49	< 50	< 49
PCB-1242	µg/kg	< 49	< 50	< 49
PCB-1248	µg/kg	< 49	< 50	< 49
PCB-1254	µg/kg	< 49	< 50	< 49
PCB-1260	µg/kg	< 49	< 50	< 49

Notes and abbreviations:
[1] = Sample depth interval corresponds to top and bottom of approximately 6-inch long soil core, just above capillary fringe.
[2] = Concentration units (and analytical results) changed from lab report units (mg/kg) for table consistency.
ft bgs = feet below ground surface
µg/kg = micrograms per kilogram
PCBs = polychlorinated biphenyls
TPH-HO = Total Petroleum Hydrocarbons - Hydraulic Oil Range
"<" = The compound or analyte was analyzed for but not detected at or above the stated method reporting limit.

Table 4. Groundwater Analytical Results - Hydraulic Lift Area

Analyte	Units	Boring B4	Boring B5	Boring B6
		Field Sample ID: B4-GW	Field Sample ID: B5-GW	Field Sample ID: B6-GW
		Lab Sample ID: 720-48842-12	Lab Sample ID: 720-48842-11	Lab Sample ID: 720-48842-8
		Sample depth: 18.5 to 21.5 ft bgs [1]	Sample depth: 18.5 to 20 ft bgs [1]	Sample depth: 16.5 to 19.5 ft bgs [1]
		Sample date: 4/3/2013	Sample date: 4/3/2013	Sample date: 4/2/2013
TPH-HO	µg/L	< 110	**130**	**400**
PCB-1016	µg/L	< 0.59	< 0.66	< 0.59
PCB-1221	µg/L	< 0.59	< 0.66	< 0.59
PCB-1232	µg/L	< 0.59	< 0.66	< 0.59
PCB-1242	µg/L	< 0.59	< 0.66	< 0.59
PCB-1248	µg/L	< 0.59	< 0.66	< 0.59
PCB-1254	µg/L	< 0.59	< 0.66	< 0.59
PCB-1260	µg/L	< 0.59	< 0.66	< 0.59

Notes and abbreviations:
[1] = Depth interval corresponds to temporary well screen interval.
ft bgs = feet below ground surface
mg/L = micrograms per liter
PCBs = polychlorinated biphenyls
TPH-HO = Total Petroleum Hydrocarbons - Hydraulic Oil Range
"<" = The compound or analyte was analyzed for but not detected at or above the stated method reporting limit.

Table 5. Inventory and Disposition of Disposed Chemicals, Used Petroleum Products, and Tires

Item	Quantity/Volume	Disposal Facility	Inventory/Transport Document
Gasoline in 2-gal metal can	~ 1 gallon	Advanced Chemical Transport (Albuquerque, NM)	Uniform Hazardous Waste Manifest no. 005037445 & Waste Acceptance Notification
Paint/varnish	(2) 1 qt containers		
Tires	6 each	Golden By-Products Inc. Scrap Tire Co. (Balico, CA)	Memorandum/Bill of Lading dated 3/28/2013
Motor oil	(1) 1-qt container	U.S. Ecology (Beatty, NV)	Uniform Hazardous Waste Manifest no. 006085718 & Waste Acceptance form
Brake fluid; Hydraulic fluid	(2) 1-pint containers		
"UCAR Solution Vinyl"	(1) 50 lb sack (broken and spilled)	Clean Harbors of San Jose, LLC (San Jose, CA)	Uniform Hazardous Waste Manifest no. 006085717
Ammonia	(1) 1-gal container	Advanced Chemical Transport (Albuquerque, NM)	Uniform Hazardous Waste Manifest no. 006085782 & Land Disposal Restrictions form
30-gal plastic drum organic peroxide	1 container, approx. 1 gal liquid	Clean Harbors Aragonite, LLC (Aragonite, UT)	Uniform Hazardous Waste Manifest no. 006085807
4-ft long fluorescent light bulbs	6 each	Advanced Chemical Transport (Santa Fe Springs, CA)	Memorandum/Bill of Lading dated 3/28/2013
Waste soil from drilling	(1) 55-gal drum approx. 3/4 full	Advanced Chemical Transport (Merced, CA)	Non-hazardous waste manifest #D33120
Waste water from drilling	(1) 55-gal drum approx. 1/4 full	Advanced Chemical Transport (Merced, CA)	Non-hazardous waste manifest #D32118
Diazinon	6 lbs	Clean Harbors Aragonite, LLC (Aragonite, UT)	Uniform Hazardous Waste Manifest no. 006085716 & Certificate of Disposal
Various solids	14 containers, 1 pint or smaller each	Advanced Chemical Transport (Albuquerque, NM)	Uniform Hazardous Waste Manifest no. 006085782
Various liquids	37 containers, 1 quart or smaller each		

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Appendix A
Photodocumentation

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Photo 1 – Private Utility Locator at UST Area

Photo 2 – GeoProbe rig at boring B3, UST area

Photo 3 – Temporary groundwater sampling point at boring B1, UST Area

Photo 4 – Concrete coring and hand augering – lift

Photo 5 – Groundwater sampling apparatus at boring B5 – lift area

Photo 6 – Lift cylinder and floor markings for underground compressor line, looking to the southeast

Photo 7 – Typical post-drilling grouted surface completion

Photo 8 – Interior of lift cylinder after fluid removal

Photo 9 – Horticulture/Storage Area (western room) prior to cleanup

Photo 10 – Horticulture/Storage Area (western room) after cleanup

Photo 11 – Horticulture/Storage Area (eastern room) prior to cleanup

Photo 12 – Horticulture/Storage Area (eastern room) prior

Photo 13 – Horticulture/Storage Area (eastern room) after cleanup

Photo 15 – Advanced Chemical Transport (waste removal) crew

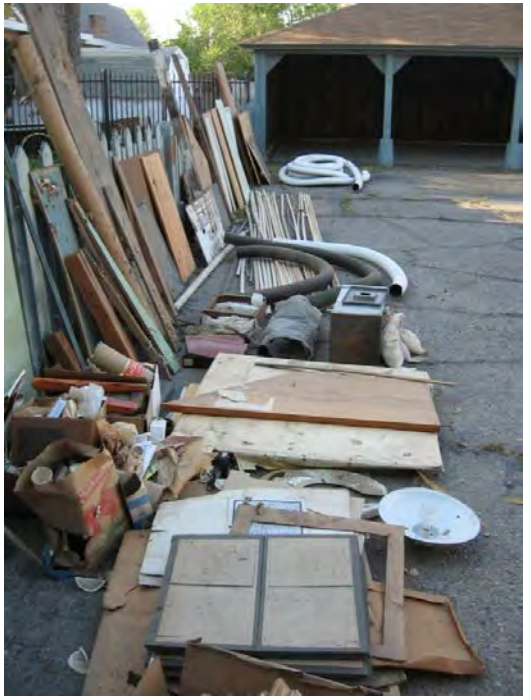

Photo 14 – Waste materials from Horticulture/Storage Areas

Photo 16 – Typical discarded chemicals, prior to overpacking and disposal

Photo 17 – Discarded chemicals being overpacked and manifested prior to offsite transport

Photo 18 – Drums of waste soil and water from drilling (black) and carboy of unknown liquid (blue) prior to offsite transport

Photo 19 – Lift room after drilling and removal of all discarded chemicals

Photo 20 – Remaining waste materials, not transported offsite, returned to Horticulture/Storage Area (eastern room)

Photo 21 – Secured plywood on doors on Horticulture/Storage area following completion of site activities

Appendix B

Boring Logs

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Project Name: **USDA Field Office Phase II ESA - Los Banos, CA** Boring ID: **B1** Sheet 1 of 1

Boring Location: 745 West J Street, Los Banos, California		Date Started: 4/2/2013	Date Finished: 4/2/2013
Drilling Contractor: Vironex	Driller: Jeff Paul	Boring Depth: 20'	
Drilling Equipment: GeoProbe 6600 (truck-mounted)	Borehole Diameter: 2"	Depth Water First Encountered in Core: 14'	
Soil Sampling Method: Continuous coring in 5' long acetate sleeves			
Water Sampling Method: disposable bailer inside 3/4"-diameter 5' long PVC screen			
Boring Sealing Method: cement + bentonite powder + potable water		Logged by: Bruce Rucker, P.G.	

Depht (feet)	USC Soil Type	Description	Graphic Log: Sample Recovery	Graphic Log: Sample for Analysis	Graphic Log: Lithology	PID (ppm)	Remarks
	Fill	2" asphalt underlain by dark brown clayey sandy gravel, dry, no cohesion					Boring hand augered from 0' to 5'.
	CL	1': Dark brown silty clay, very cohesive, moderately stiff, slightly moist				0.0	
		2.5': Tan-light brown silty sandy clay, moderately cohesive, friable, slightly moist				0.0	
5		5': Tan-light brown silty clay, dry, very stiff, slightly friable					
		6': Becomes slightly cohesive				0.0	
		6.5': Becomes friable, fine sand in clay matrix				0.0	
		9.5': Dark brown silty clay, silt is trace to minor, very dense, slightly cohesive					
10	SM	10.5': Dark brown silty sand, sand is fine-grained, no cohesion, dry, easily crumbled				0.0	
						0.0	
				X			Soil sample B1-S-13.5' collected at 14:05.
	SC	14': Dark brown clayey sand, wet, sand is fine-grained, cohesive				0.0	No measurable water after 10' to 15' core.
15						0.0	Boring collapsed at 16'. Redrill from 16' to 20'. Casing installed (screen bottom = 19').
							Water level after 20 mins = 17.7'.
						0.0	Water level after 1 hr 10 mins = 17.5'.
							Groundwater sample B1-GW collected between 14:40 and 17:05 (very slow recharge).
20		19.5': color change to black, sand is medium-grained, clay ~30%, wet				0.0	
		Boring terminated at 20' bgs.					

Project Name: **USDA Field Office Phase II ESA - Los Banos, CA** Boring ID: **B2** Sheet 1 of 1

Boring Location: 745 West J Street, Los Banos, California		Date Started: 4/2/2013	Date Finished: 4/2/2013
Drilling Contractor: Vironex	Driller: Jeff Paul	Boring Depth: 20'	
Drilling Equipment: GeoProbe 6600 (truck-mounted)	Borehole Diameter: 2"	Depth Water First Encountered in Core: 15'	
Soil Sampling Method: Continuous coring in 5' long acetate sleeves			
Water Sampling Method: disposable bailer inside 3/4"-diameter 5' long PVC screen			
Boring Sealing Method: cement + bentonite powder + potable water		Logged by: Bruce Rucker, P.G.	

Depht (feet)	USC Soil Type	Description	Graphic Log: Sample Recovery	Graphic Log: Sample for Analysis	Graphic Log: Lithology	PID (ppm)	Remarks
	Fill	2" asphalt underlain by dark brown clayey sandy gravel, dry, no cohesion					Boring hand augered from 0' to 5'.
	CL	1': Dark brown silty clay, very cohesive, moderately stiff, slightly moist				0.0	
		2.5': Tan-light brown silty sandy clay, moderately cohesive, friable, slightly moist				0.0	
5		5': Tan-light brown silty clay, dry, very stiff, slightly friable					
		6': Becomes slightly cohesive				0.0	
		6.5': Becomes friable, fine-grained sand in clay matrix				0.0	
	SM	9.5': Dark brown silty sand, sand is fine-grained, no cohesion, dry, easily crumbled				0.0	
10						0.0	
				X		0.0	Soil sample B2-S-13.5' collected at 14:35.
		14': Becomes slightly moist. 14.5': Becomes very moist					No measurable water after 10' to 15' core.
15	SC	15': Dark brown clayey sand, wet, sand is fine-grained, cohesive				0.0	Boring collapsed at 16' after drilling to 20'. Redrill from 16' to 20'.
						0.0	Casing installed (screen bottom = 20').
							Groundwater sample B2-GW collected at 17:45.
20	GC	19.8': Clayey sandy gravel, gravel is poorly sorted (1/8" to 1/2"), wet, no cohesion, clay and sand are minor				0.0	
		Boring terminated at 20' bgs.					

Project Name: **USDA Field Office Phase II ESA - Los Banos, CA** Boring ID: **B3** Sheet 1 of 1

Boring Location: 745 West J Street, Los Banos, California		Date Started: 4/2/2013	Date Finished: 4/2/2013
Drilling Contractor: Vironex	Driller: Jeff Paul	Boring Depth: 21'	
Drilling Equipment: GeoProbe 6600 (truck-mounted)	Borehole Diameter: 2"	Depth Water First Encountered in Core: 15'	
Soil Sampling Method: Continuous coring in 5' long acetate sleeves			
Water Sampling Method: disposable bailer inside 3/4"-diameter 5' long PVC screen			
Boring Sealing Method: cement + bentonite powder + potable water		Logged by: Bruce Rucker, P.G.	

Depht (feet)	USC Soil Type	Description	Graphic Log: Sample Recovery	Graphic Log: Sample for Analysis	Graphic Log: Lithology	PID (ppm)	Remarks
	Fill	2" asphalt underlain by dark brown clayey sandy gravel, dry, no cohesion					Boring hand augered from 0' to 5'.
	CL	1': Dark brown silty clay, very cohesive, moderately stiff, slightly moist				0.0	
		2.5': Tan-light brown silty sandy clay, moderately cohesive, friable, slightly moist				0.0	
5		5.5': Dark brown silty clay, dry, very stiff, very cohesive				0.0	
		6.5': Tan-light brown, friable, moderately cohesive					
		7.5': Slightly cohesive				0.0	
10						0.0	
		11.5': Moderately cohesive				0.0	
		12.5': Silt absent, very cohesive, slightly moist					
				X		0.0	Soil sample B3-S-14' collected at 15:10.
		14.5': very moist, silt content increases					No measurable water after 10' to 15' core.
15		15': Wet, slightly cohesive					Casing installed (screen bottom = 18')
						0.0	Water level after 10 mins = 14.2'. Extremely low recharge (bailing dry).
							Pull casing and redrill from 16.5' to 21'.
						0.0	Casing installed (screen bottom = 21').
20						0.0	Groundwater sample B3-GW collected between 15:25 and 17:20 (very slow recharge).

Boring terminated at 21' bgs.

Project Name: **USDA Field Office Phase II ESA - Los Banos, CA** Boring ID: **B4** Sheet 1 of 1

Boring Location: 745 West J Street, Los Banos, California		Date Started: 4/3/2013	Date Finished: 4/3/2013
Drilling Contractor: Vironex	Driller: Jeff Paul	Boring Depth: 21.5'	
Drilling Equipment: GeoProbe Badger (limited access)	Borehole Diameter: 2"	Depth Water First Encountered in Core: 18.5'	
Soil Sampling Method: Continuous coring in 3' long acetate sleeves			
Water Sampling Method: Tygon tubing with check valve, inside 3/4"-diameter 5' long PVC screen			
Boring Sealing Method: cement + bentonite powder + potable water		Logged by: Bruce Rucker, P.G.	

Depht (feet)	USC Soil Type	Description	Graphic Log: Sample Recovery	Graphic Log: Sample for Analysis	Graphic Log: Lithology	PID (ppm)	Remarks
	CL	4" concrete slab underlain by dark brown silty clay, very cohesive, slightly stiff, slightly dense, slightly moist					Cored concrete slab.
		1': Tan-light brown silty sandy clay, dry, moderately cohesive, friable, moist				0.0	Boring hand augered from 0.5' to 5'.
						0.0	
5		5': Dark brown silty clay, dry, friable, slightly dense (easily penetrated with thumb)				0.0	
		7.5': Becomes dense				0.0	
		9': Becomes very dense and stiff				0.0	
10		10.5': Tan-light brown sandy clay. Sand is fine-grained, dry, friable, slightly cohesive, dense				0.0	
		12.5': Dark brown silty clay, very stiff, dense, cohesive, dry to slightly moist				0.0	
		13.5': Becomes stiff, minor organics				0.0	
15	SC	14.5': Dark brown clayey sand, sand is poorly-sorted (fine- to medium-grained), slightly cohesive, very friable, slightly moist				0.0	
	GC	16.5': Dark brown clayey gravel, gravel is poorly-sorted (1/4" to 1"), moist, no cohesion.				0.0	
		17.5' to 19.5': cobbles up to 1.5" diameter		X		0.0	Soil sample B4-S-17' collected at 10:20.
		17.5': very moist				0.0	
		18.5': wet				0.0	
		19.5': Dark brown silty clay, very moist, cohesive, slightly					Casing installed (screen bottom = 21.5').
20	CL	stiff, gravel absent					Water level after 10 mins = 17.4'.
						0.0	Groundwater sample B4-GW collected between 11:05 and 11:25 (slow recharge).

Boring terminated at 21.5' bgs.

Project Name: **USDA Field Office Phase II ESA - Los Banos, CA** Boring ID: **B5** Sheet 1 of 1

Boring Location: 745 West J Street, Los Banos, California		Date Started: 4/3/2013	Date Finished: 4/3/2013
Drilling Contractor: Vironex	Driller: Jeff Paul	Boring Depth: 23'	
Drilling Equipment: GeoProbe Badger (limited access)	Borehole Diameter: 2"	Depth Water First Encountered in Core: 16'	
Soil Sampling Method: Continuous coring in 3' long acetate sleeves			
Water Sampling Method: Tygon tubing with check valve, inside 3/4"-diameter 5' long PVC screen			
Boring Sealing Method: cement + bentonite powder + potable water		Logged by: Bruce Rucker, P.G.	

Depht (feet)	USC Soil Type	Description	Graphic Log: Sample Recovery	Graphic Log: Sample for Analysis	Graphic Log: Lithology	PID (ppm)	Remarks
	CL	4" concrete slab underlain by dark brown silty clay, very cohesive, slightly stiff, slightly dense, slightly moist					Cored concrete slab.
		1': Tan-light brown silty sandy clay, dry, moderately cohesive, friable, moist				0.0	Boring hand augered from 0.5' to 5'.
						0.0	
5						0.0	
		8': Becomes very dense, moderately cohesive				0.0	
	SC	8.5': Brown clayey sand, sand is fine-grained, dry, very friable, no cohesion					
	CL	9.5': Brown silty clay, slightly cohesive				0.0	
10		10.5': No cohesion, minor fine-grained sand				0.0	
		13.5': Brown sandy silty clay, sand is fine-grained, slightly dense (can penetrate easily with thumb)					
				X		0.0	Soil sample B5-S-14.5' collected at 8:55.
15		15': Very moist, minor small gravel				0.0	
	SC	16': Brown silty clayey sand, sand is fine-grained, wet, soft, slightly cohesive					
		16.5': minor small gravel (1/8" to 1/4"), ~20%					No core recovery from 17' to 18.5'.
	CL	18.5': Dark brown silty clay, wet, very cohesive, soft to slightly stiff, very fine-grained sand ~20%				0.0	
							No measurable water after 15' to 20' core.
20		20': Becomes gravelly, 1/8" diameter, ~20%				0.0	Boring collapsed at 20' after coring to 23'. Casing installed (screen bottom = 20').
	SC	21.5': Brown clayey sand, minor small gravel, very moist					Water level after 10 mins = 17.4'.
	CL	22.5': Dark brown silty clay, slightly stiff, cohesive, moist				0.0	Groundwater sample B5-GW collected between 11:00 and 11:20 (slow recharge).
		Boring terminated at 23' bgs.					

Project Name: **USDA Field Office Phase II ESA- Los Banos, CA** Boring ID: **B6** Sheet 1 of 1

Boring Location: 745 West J Street, Los Banos, California		Date Started: 4/2/2013	Date Finished: 4/3/2013
Drilling Contractor: Vironex	Driller: Jeff Paul	Boring Depth: 19.5'	
Drilling Equipment: GeoProbe Badger (limited access)	Borehole Diameter: 2"	Depth Water First Encountered in Core: 16'	
Soil Sampling Method: Continuous coring in 3' long acetate sleeves			
Water Sampling Method: Tygon tubing with check valve, inside 3/4"-diameter 5' long PVC screen			
Boring Sealing Method: cement + bentonite powder + potable water		Logged by: Bruce Rucker, P.G.	

Depht (feet)	USC Soil Type	Description	Graphic Log: Sample Recovery	Graphic Log: Sample for Analysis	Graphic Log: Lithology	PID (ppm)	Remarks
	CL	4" concrete slab underlain by dark brown silty clay, very cohesive, slightly stiff, slightly dense, slightly moist					Cored concrete slab
		1': Tan-light brown silty sandy clay, dry, moderately cohesive, friable, moist				0.0	Boring hand augered from 0.5' to 5'.
						0.0	
5		5': Tan-light brown silty clay, very dry, friable, dense				0.0	
		8': Becomes very dense, moderately cohesive				0.0	
	SC	8.5': Brown clayey sand, sand is fine-grained, dry, very friable, no cohesion					
	CL	9.5': Brown silty clay, slightly cohesive					
10		10.5': No cohesion, minor fine grained sand				0.0	
		11': Moderately cohesive, no grains visible, dense				0.0	
		12.5': Slightly dense (can penetrate with thumb)					
		13.5': grains visible, slightly cohesive					
				X		0.0	Soil sample B6-S-14.5' collected at 16:05 on 4/2/2013.
15		15': Very moist					Casing installed (screen bottom = 19.5').
	SC	16': Brown silty clayey sand, sand is fine-grained, wet, soft, slightly cohesive				0.0	Water level after 10 mins = 17.6'
							Groundwater sample B6-GW collected at 18:25 on 4/2/2013.
19							Water level after 14 hrs = 17.4'.
						0.0	

Boring terminated at 19.5'.

Appendix C

Analytical Laboratory Report and Chain-of-Custody Record

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-48842-1
Client Project/Site: U.S.D.A. Los Banos 745 West "J" Street

For:
CE2 Corporation
Attn: Accounts Payable
6140 Stoneridge Mall Rd Suite 500
Pleasanton, California 94588

Attn: Tom Berry

Authorized for release by:
4/15/2013 1:28:51 PM

Micah Smith
Project Manager I
micah.smith@testamericainc.com

Table of Contents

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 720-48842-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-48842-1

Comments
No additional comments.

Receipt
The samples were received on 4/3/2013 2:37 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.5º C.

Except:

The following samples were received with headspace in the sample vial: B1-GW 3 of 4 vials and B3-GW 3 of 4 vials. However only one vial was used for the analysis.

GC/MS VOA
No analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8082: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 133899 exceeded control limits for the following analytes: Arochlor 1016 These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8082: The continuing calibration verification (CCV) associated with batch 134142 recovered above the upper control limit for Arochlors 1016 and 1260. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: B4-S-17' (720-48842-10), B5-S-14.5' (720-48842-9), B6-S-14.5' (720-48842-4).

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B1-S-13.5' — Lab Sample ID: 720-48842-1

No Detections.

Client Sample ID: B2-S-13.5' — Lab Sample ID: 720-48842-2

No Detections.

Client Sample ID: B3-S-14' — Lab Sample ID: 720-48842-3

No Detections.

Client Sample ID: B6-S-14.5' — Lab Sample ID: 720-48842-4

No Detections.

Client Sample ID: B1-GW — Lab Sample ID: 720-48842-5

No Detections.

Client Sample ID: B3-GW — Lab Sample ID: 720-48842-6

No Detections.

Client Sample ID: B2-GW — Lab Sample ID: 720-48842-7

No Detections.

Client Sample ID: B6-GW — Lab Sample ID: 720-48842-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TPH-Hydraulic Oil Range (C19-C36)	400		99		ug/L	1		8015B	Total/NA

Client Sample ID: B5-S-14.5' — Lab Sample ID: 720-48842-9

No Detections.

Client Sample ID: B4-S-17' — Lab Sample ID: 720-48842-10

No Detections.

Client Sample ID: B5-GW — Lab Sample ID: 720-48842-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TPH-Hydraulic Oil Range (C19-C36)	130		120		ug/L	1		8015B	Total/NA

Client Sample ID: B4-GW — Lab Sample ID: 720-48842-12

No Detections.

This Detection Summary does not include radiochemical test results.

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B1-S-13.5'
Date Collected: 04/02/13 14:05
Date Received: 04/03/13 14:37

Lab Sample ID: 720-48842-1
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		04/09/13 08:00	04/09/13 16:43	1
Benzene	ND		4.8		ug/Kg		04/09/13 08:00	04/09/13 16:43	1
Ethylbenzene	ND		4.8		ug/Kg		04/09/13 08:00	04/09/13 16:43	1
Toluene	ND		4.8		ug/Kg		04/09/13 08:00	04/09/13 16:43	1
Xylenes, Total	ND		9.7		ug/Kg		04/09/13 08:00	04/09/13 16:43	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		04/09/13 08:00	04/09/13 16:43	1
TBA	ND		9.7		ug/Kg		04/09/13 08:00	04/09/13 16:43	1
DIPE	ND		4.8		ug/Kg		04/09/13 08:00	04/09/13 16:43	1
TAME	ND		4.8		ug/Kg		04/09/13 08:00	04/09/13 16:43	1
Ethyl t-butyl ether	ND		4.8		ug/Kg		04/09/13 08:00	04/09/13 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*45 - 131*	*04/09/13 08:00*	*04/09/13 16:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*60 - 140*	*04/09/13 08:00*	*04/09/13 16:43*	*1*
Toluene-d8 (Surr)	*96*		*58 - 140*	*04/09/13 08:00*	*04/09/13 16:43*	*1*

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B2-S-13.5'
Date Collected: 04/02/13 14:35
Date Received: 04/03/13 14:37

Lab Sample ID: 720-48842-2
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		04/08/13 19:22	04/09/13 01:10	1
Benzene	ND		5.0		ug/Kg		04/08/13 19:22	04/09/13 01:10	1
Ethylbenzene	ND		5.0		ug/Kg		04/08/13 19:22	04/09/13 01:10	1
Toluene	ND		5.0		ug/Kg		04/08/13 19:22	04/09/13 01:10	1
Xylenes, Total	ND		9.9		ug/Kg		04/08/13 19:22	04/09/13 01:10	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		04/08/13 19:22	04/09/13 01:10	1
TBA	ND		9.9		ug/Kg		04/08/13 19:22	04/09/13 01:10	1
DIPE	ND		5.0		ug/Kg		04/08/13 19:22	04/09/13 01:10	1
TAME	ND		5.0		ug/Kg		04/08/13 19:22	04/09/13 01:10	1
Ethyl t-butyl ether	ND		5.0		ug/Kg		04/08/13 19:22	04/09/13 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*45 - 131*	*04/08/13 19:22*	*04/09/13 01:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*60 - 140*	*04/08/13 19:22*	*04/09/13 01:10*	*1*
Toluene-d8 (Surr)	*95*		*58 - 140*	*04/08/13 19:22*	*04/09/13 01:10*	*1*

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B3-S-14'
Date Collected: 04/02/13 15:10
Date Received: 04/03/13 14:37

Lab Sample ID: 720-48842-3
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		04/08/13 19:22	04/09/13 01:39	1
Benzene	ND		5.0		ug/Kg		04/08/13 19:22	04/09/13 01:39	1
Ethylbenzene	ND		5.0		ug/Kg		04/08/13 19:22	04/09/13 01:39	1
Toluene	ND		5.0		ug/Kg		04/08/13 19:22	04/09/13 01:39	1
Xylenes, Total	ND		10		ug/Kg		04/08/13 19:22	04/09/13 01:39	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		04/08/13 19:22	04/09/13 01:39	1
TBA	ND		10		ug/Kg		04/08/13 19:22	04/09/13 01:39	1
DIPE	ND		5.0		ug/Kg		04/08/13 19:22	04/09/13 01:39	1
TAME	ND		5.0		ug/Kg		04/08/13 19:22	04/09/13 01:39	1
Ethyl t-butyl ether	ND		5.0		ug/Kg		04/08/13 19:22	04/09/13 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*85*		*45 - 131*	*04/08/13 19:22*	*04/09/13 01:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 140*	*04/08/13 19:22*	*04/09/13 01:39*	*1*
Toluene-d8 (Surr)	*94*		*58 - 140*	*04/08/13 19:22*	*04/09/13 01:39*	*1*

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B6-S-14.5'
Date Collected: 04/02/13 16:05
Date Received: 04/03/13 14:37

Lab Sample ID: 720-48842-4
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH-Hydraulic Oil Range (C19-C36)	ND		50		mg/Kg		04/08/13 18:50	04/08/13 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*52*		*40 - 130*	*04/08/13 18:50*	*04/08/13 22:40*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		04/09/13 14:22	04/11/13 16:03	1
PCB-1221	ND		49		ug/Kg		04/09/13 14:22	04/11/13 16:03	1
PCB-1232	ND		49		ug/Kg		04/09/13 14:22	04/11/13 16:03	1
PCB-1242	ND		49		ug/Kg		04/09/13 14:22	04/11/13 16:03	1
PCB-1248	ND		49		ug/Kg		04/09/13 14:22	04/11/13 16:03	1
PCB-1254	ND		49		ug/Kg		04/09/13 14:22	04/11/13 16:03	1
PCB-1260	ND		49		ug/Kg		04/09/13 14:22	04/11/13 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*45 - 132*	*04/09/13 14:22*	*04/11/13 16:03*	*1*
DCB Decachlorobiphenyl	*85*		*42 - 146*	*04/09/13 14:22*	*04/11/13 16:03*	*1*

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B1-GW
Date Collected: 04/02/13 17:05
Date Received: 04/03/13 14:37

Lab Sample ID: 720-48842-5
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/05/13 23:16	1
Benzene	ND		0.50		ug/L			04/05/13 23:16	1
Ethylbenzene	ND		0.50		ug/L			04/05/13 23:16	1
Toluene	ND		0.50		ug/L			04/05/13 23:16	1
Xylenes, Total	ND		1.0		ug/L			04/05/13 23:16	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/05/13 23:16	1
TBA	ND		4.0		ug/L			04/05/13 23:16	1
DIPE	ND		0.50		ug/L			04/05/13 23:16	1
TAME	ND		0.50		ug/L			04/05/13 23:16	1
Ethyl t-butyl ether	ND		0.50		ug/L			04/05/13 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*67 - 130*		*04/05/13 23:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 138*		*04/05/13 23:16*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/05/13 23:16*	*1*

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B3-GW
Date Collected: 04/02/13 17:20
Date Received: 04/03/13 14:37

Lab Sample ID: 720-48842-6
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/05/13 23:45	1
Benzene	ND		0.50		ug/L			04/05/13 23:45	1
Ethylbenzene	ND		0.50		ug/L			04/05/13 23:45	1
Toluene	ND		0.50		ug/L			04/05/13 23:45	1
Xylenes, Total	ND		1.0		ug/L			04/05/13 23:45	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/05/13 23:45	1
TBA	ND		4.0		ug/L			04/05/13 23:45	1
DIPE	ND		0.50		ug/L			04/05/13 23:45	1
TAME	ND		0.50		ug/L			04/05/13 23:45	1
Ethyl t-butyl ether	ND		0.50		ug/L			04/05/13 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*67 - 130*		*04/05/13 23:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 138*		*04/05/13 23:45*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/05/13 23:45*	*1*

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B2-GW
Date Collected: 04/02/13 17:45
Date Received: 04/03/13 14:37

Lab Sample ID: 720-48842-7
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/06/13 00:13	1
Benzene	ND		0.50		ug/L			04/06/13 00:13	1
Ethylbenzene	ND		0.50		ug/L			04/06/13 00:13	1
Toluene	ND		0.50		ug/L			04/06/13 00:13	1
Xylenes, Total	ND		1.0		ug/L			04/06/13 00:13	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/06/13 00:13	1
TBA	ND		4.0		ug/L			04/06/13 00:13	1
DIPE	ND		0.50		ug/L			04/06/13 00:13	1
TAME	ND		0.50		ug/L			04/06/13 00:13	1
Ethyl t-butyl ether	ND		0.50		ug/L			04/06/13 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*67 - 130*		*04/06/13 00:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 138*		*04/06/13 00:13*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*04/06/13 00:13*	*1*

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B6-GW
Date Collected: 04/02/13 18:25
Date Received: 04/03/13 14:37

Lab Sample ID: 720-48842-8
Matrix: Water

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH-Hydraulic Oil Range (C19-C36)	400		99		ug/L		04/08/13 08:53	04/12/13 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*89*		*23 - 156*	*04/08/13 08:53*	*04/12/13 21:17*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	*	0.59		ug/L		04/08/13 10:33	04/09/13 18:13	1
PCB-1221	ND		0.59		ug/L		04/08/13 10:33	04/09/13 18:13	1
PCB-1232	ND		0.59		ug/L		04/08/13 10:33	04/09/13 18:13	1
PCB-1242	ND		0.59		ug/L		04/08/13 10:33	04/09/13 18:13	1
PCB-1248	ND		0.59		ug/L		04/08/13 10:33	04/09/13 18:13	1
PCB-1254	ND		0.59		ug/L		04/08/13 10:33	04/09/13 18:13	1
PCB-1260	ND		0.59		ug/L		04/08/13 10:33	04/09/13 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*58*		*28 - 124*	*04/08/13 10:33*	*04/09/13 18:13*	*1*
DCB Decachlorobiphenyl	*36*		*10 - 122*	*04/08/13 10:33*	*04/09/13 18:13*	*1*

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B5-S-14.5'
Date Collected: 04/03/13 08:55
Date Received: 04/03/13 14:37

Lab Sample ID: 720-48842-9
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH-Hydraulic Oil Range (C19-C36)	ND		49		mg/Kg		04/08/13 18:50	04/08/13 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*70*		*40 - 130*	*04/08/13 18:50*	*04/08/13 23:09*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/09/13 14:22	04/11/13 16:19	1
PCB-1221	ND		50		ug/Kg		04/09/13 14:22	04/11/13 16:19	1
PCB-1232	ND		50		ug/Kg		04/09/13 14:22	04/11/13 16:19	1
PCB-1242	ND		50		ug/Kg		04/09/13 14:22	04/11/13 16:19	1
PCB-1248	ND		50		ug/Kg		04/09/13 14:22	04/11/13 16:19	1
PCB-1254	ND		50		ug/Kg		04/09/13 14:22	04/11/13 16:19	1
PCB-1260	ND		50		ug/Kg		04/09/13 14:22	04/11/13 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*45 - 132*	*04/09/13 14:22*	*04/11/13 16:19*	*1*
DCB Decachlorobiphenyl	*91*		*42 - 146*	*04/09/13 14:22*	*04/11/13 16:19*	*1*

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B4-S-17'
Date Collected: 04/03/13 10:20
Date Received: 04/03/13 14:37

Lab Sample ID: 720-48842-10
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH-Hydraulic Oil Range (C19-C36)	ND		49		mg/Kg		04/08/13 18:50	04/08/13 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*67*		*40 - 130*	*04/08/13 18:50*	*04/08/13 23:38*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		04/09/13 14:22	04/11/13 16:35	1
PCB-1221	ND		49		ug/Kg		04/09/13 14:22	04/11/13 16:35	1
PCB-1232	ND		49		ug/Kg		04/09/13 14:22	04/11/13 16:35	1
PCB-1242	ND		49		ug/Kg		04/09/13 14:22	04/11/13 16:35	1
PCB-1248	ND		49		ug/Kg		04/09/13 14:22	04/11/13 16:35	1
PCB-1254	ND		49		ug/Kg		04/09/13 14:22	04/11/13 16:35	1
PCB-1260	ND		49		ug/Kg		04/09/13 14:22	04/11/13 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*45 - 132*	*04/09/13 14:22*	*04/11/13 16:35*	*1*
DCB Decachlorobiphenyl	*87*		*42 - 146*	*04/09/13 14:22*	*04/11/13 16:35*	*1*

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B5-GW
Date Collected: 04/03/13 11:20
Date Received: 04/03/13 14:37

Lab Sample ID: 720-48842-11
Matrix: Water

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH-Hydraulic Oil Range (C19-C36)	130		120		ug/L		04/08/13 08:53	04/12/13 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*86*		*23 - 156*	*04/08/13 08:53*	*04/12/13 21:46*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	*	0.66		ug/L		04/08/13 10:33	04/09/13 18:29	1
PCB-1221	ND		0.66		ug/L		04/08/13 10:33	04/09/13 18:29	1
PCB-1232	ND		0.66		ug/L		04/08/13 10:33	04/09/13 18:29	1
PCB-1242	ND		0.66		ug/L		04/08/13 10:33	04/09/13 18:29	1
PCB-1248	ND		0.66		ug/L		04/08/13 10:33	04/09/13 18:29	1
PCB-1254	ND		0.66		ug/L		04/08/13 10:33	04/09/13 18:29	1
PCB-1260	ND		0.66		ug/L		04/08/13 10:33	04/09/13 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*54*		*28 - 124*	*04/08/13 10:33*	*04/09/13 18:29*	*1*
DCB Decachlorobiphenyl	*22*		*10 - 122*	*04/08/13 10:33*	*04/09/13 18:29*	*1*

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B4-GW
Date Collected: 04/03/13 11:25
Date Received: 04/03/13 14:37

Lab Sample ID: 720-48842-12
Matrix: Water

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH-Hydraulic Oil Range (C19-C36)	ND		110		ug/L		04/08/13 08:53	04/12/13 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*88*		*23 - 156*	*04/08/13 08:53*	*04/12/13 22:15*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	*	0.59		ug/L		04/08/13 10:33	04/09/13 18:45	1
PCB-1221	ND		0.59		ug/L		04/08/13 10:33	04/09/13 18:45	1
PCB-1232	ND		0.59		ug/L		04/08/13 10:33	04/09/13 18:45	1
PCB-1242	ND		0.59		ug/L		04/08/13 10:33	04/09/13 18:45	1
PCB-1248	ND		0.59		ug/L		04/08/13 10:33	04/09/13 18:45	1
PCB-1254	ND		0.59		ug/L		04/08/13 10:33	04/09/13 18:45	1
PCB-1260	ND		0.59		ug/L		04/08/13 10:33	04/09/13 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*50*		*28 - 124*	*04/08/13 10:33*	*04/09/13 18:45*	*1*
DCB Decachlorobiphenyl	*29*		*10 - 122*	*04/08/13 10:33*	*04/09/13 18:45*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-133803/4
Matrix: Water
Analysis Batch: 133803

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/05/13 19:58	1
Benzene	ND		0.50		ug/L			04/05/13 19:58	1
Ethylbenzene	ND		0.50		ug/L			04/05/13 19:58	1
Toluene	ND		0.50		ug/L			04/05/13 19:58	1
Xylenes, Total	ND		1.0		ug/L			04/05/13 19:58	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/05/13 19:58	1
TBA	ND		4.0		ug/L			04/05/13 19:58	1
DIPE	ND		0.50		ug/L			04/05/13 19:58	1
TAME	ND		0.50		ug/L			04/05/13 19:58	1
Ethyl t-butyl ether	ND		0.50		ug/L			04/05/13 19:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*84*		*67 - 130*		*04/05/13 19:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 138*		*04/05/13 19:58*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*04/05/13 19:58*	*1*

Lab Sample ID: LCS 720-133803/5
Matrix: Water
Analysis Batch: 133803

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	22.9		ug/L		92	62 - 130
Benzene	25.0	22.4		ug/L		89	79 - 130
Ethylbenzene	25.0	23.6		ug/L		94	80 - 120
Toluene	25.0	23.8		ug/L		95	78 - 120
m-Xylene & p-Xylene	50.0	48.8		ug/L		98	70 - 142
o-Xylene	25.0	25.8		ug/L		103	70 - 130
TBA	500	499		ug/L		100	70 - 130
DIPE	25.0	21.6		ug/L		87	69 - 134
TAME	25.0	24.7		ug/L		99	79 - 130
Ethyl t-butyl ether	25.0	22.6		ug/L		90	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 138*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCS 720-133803/7
Matrix: Water
Analysis Batch: 133803

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	441		ug/L		88	62 - 120

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-133803/7
Matrix: Water
Analysis Batch: 133803

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*97*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 138*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-133803/6
Matrix: Water
Analysis Batch: 133803

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether			25.0	22.8		ug/L		91	62 - 130	0	20
Benzene			25.0	22.8		ug/L		91	79 - 130	2	20
Ethylbenzene			25.0	24.4		ug/L		97	80 - 120	3	20
Toluene			25.0	24.5		ug/L		98	78 - 120	3	20
m-Xylene & p-Xylene			50.0	50.0		ug/L		100	70 - 142	3	20
o-Xylene			25.0	26.2		ug/L		105	70 - 130	2	20
TBA			500	486		ug/L		97	70 - 130	3	20
DIPE			25.0	21.5		ug/L		86	69 - 134	1	20
TAME			25.0	24.5		ug/L		98	79 - 130	1	20
Ethyl t-butyl ether			25.0	22.5		ug/L		90	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 138*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 720-133803/8
Matrix: Water
Analysis Batch: 133803

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			500	440		ug/L		88	62 - 120	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*95*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 138*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 720-133935/5
Matrix: Solid
Analysis Batch: 133935

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			04/08/13 19:22	1
Benzene	ND		5.0		ug/Kg			04/08/13 19:22	1
Ethylbenzene	ND		5.0		ug/Kg			04/08/13 19:22	1
Toluene	ND		5.0		ug/Kg			04/08/13 19:22	1
Xylenes, Total	ND		10		ug/Kg			04/08/13 19:22	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-133935/5
Matrix: Solid
Analysis Batch: 133935

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg			04/08/13 19:22	1
TBA	ND		10		ug/Kg			04/08/13 19:22	1
DIPE	ND		5.0		ug/Kg			04/08/13 19:22	1
TAME	ND		5.0		ug/Kg			04/08/13 19:22	1
Ethyl t-butyl ether	ND		5.0		ug/Kg			04/08/13 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*45 - 131*		*04/08/13 19:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*60 - 140*		*04/08/13 19:22*	*1*
Toluene-d8 (Surr)	*98*		*58 - 140*		*04/08/13 19:22*	*1*

Lab Sample ID: LCS 720-133935/6
Matrix: Solid
Analysis Batch: 133935

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	50.9		ug/Kg		102	70 - 144
Benzene	50.0	43.4		ug/Kg		87	70 - 130
Ethylbenzene	50.0	44.0		ug/Kg		88	80 - 137
Toluene	50.0	43.3		ug/Kg		87	80 - 128
m-Xylene & p-Xylene	100	91.8		ug/Kg		92	70 - 146
o-Xylene	50.0	45.8		ug/Kg		92	70 - 140
TBA	1000	922		ug/Kg		92	63 - 130
DIPE	50.0	47.0		ug/Kg		94	70 - 131
TAME	50.0	50.3		ug/Kg		101	70 - 140
Ethyl t-butyl ether	50.0	50.3		ug/Kg		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 140*
Toluene-d8 (Surr)	*103*		*58 - 140*

Lab Sample ID: LCS 720-133935/8
Matrix: Solid
Analysis Batch: 133935

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	884		ug/Kg		88	61 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*105*		*60 - 140*
Toluene-d8 (Surr)	*102*		*58 - 140*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-133935/7
Matrix: Solid
Analysis Batch: 133935

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether			50.0	49.9		ug/Kg		100	70 - 144	2	20
Benzene			50.0	44.2		ug/Kg		88	70 - 130	2	20
Ethylbenzene			50.0	44.9		ug/Kg		90	80 - 137	2	20
Toluene			50.0	45.2		ug/Kg		90	80 - 128	4	20
m-Xylene & p-Xylene			100	94.0		ug/Kg		94	70 - 146	2	20
o-Xylene			50.0	46.6		ug/Kg		93	70 - 140	2	20
TBA			1000	896		ug/Kg		90	63 - 130	3	20
DIPE			50.0	46.3		ug/Kg		93	70 - 131	2	20
TAME			50.0	49.6		ug/Kg		99	70 - 140	1	20
Ethyl t-butyl ether			50.0	49.7		ug/Kg		99	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 140*
Toluene-d8 (Surr)	*102*		*58 - 140*

Lab Sample ID: LCSD 720-133935/9
Matrix: Solid
Analysis Batch: 133935

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			1000	868		ug/Kg		87	61 - 128	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*99*		*60 - 140*
Toluene-d8 (Surr)	*101*		*58 - 140*

Lab Sample ID: MB 720-133958/4
Matrix: Solid
Analysis Batch: 133958

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			04/09/13 08:55	1
Benzene	ND		5.0		ug/Kg			04/09/13 08:55	1
Ethylbenzene	ND		5.0		ug/Kg			04/09/13 08:55	1
Toluene	ND		5.0		ug/Kg			04/09/13 08:55	1
Xylenes, Total	ND		10		ug/Kg			04/09/13 08:55	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg			04/09/13 08:55	1
TBA	ND		10		ug/Kg			04/09/13 08:55	1
DIPE	ND		5.0		ug/Kg			04/09/13 08:55	1
TAME	ND		5.0		ug/Kg			04/09/13 08:55	1
Ethyl t-butyl ether	ND		5.0		ug/Kg			04/09/13 08:55	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-133958/4
Matrix: Solid
Analysis Batch: 133958

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		45 - 131		04/09/13 08:55	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 140		04/09/13 08:55	1
Toluene-d8 (Surr)	97		58 - 140		04/09/13 08:55	1

Lab Sample ID: LCS 720-133958/5
Matrix: Solid
Analysis Batch: 133958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	54.1		ug/Kg		108	70 - 144
Benzene	50.0	47.9		ug/Kg		96	70 - 130
Ethylbenzene	50.0	48.0		ug/Kg		96	80 - 137
Toluene	50.0	47.5		ug/Kg		95	80 - 128
m-Xylene & p-Xylene	100	99.3		ug/Kg		99	70 - 146
o-Xylene	50.0	51.2		ug/Kg		102	70 - 140
TBA	1000	866		ug/Kg		87	63 - 130
DIPE	50.0	57.3		ug/Kg		115	70 - 131
TAME	50.0	53.6		ug/Kg		107	70 - 140
Ethyl t-butyl ether	50.0	54.4		ug/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	111		45 - 131
1,2-Dichloroethane-d4 (Surr)	107		60 - 140
Toluene-d8 (Surr)	100		58 - 140

Lab Sample ID: LCS 720-133958/7
Matrix: Solid
Analysis Batch: 133958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	880		ug/Kg		88	61 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	109		45 - 131
1,2-Dichloroethane-d4 (Surr)	112		60 - 140
Toluene-d8 (Surr)	100		58 - 140

Lab Sample ID: LCSD 720-133958/6
Matrix: Solid
Analysis Batch: 133958

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	53.9		ug/Kg		108	70 - 144	0	20
Benzene	50.0	47.8		ug/Kg		96	70 - 130	0	20
Ethylbenzene	50.0	47.4		ug/Kg		95	80 - 137	1	20
Toluene	50.0	47.2		ug/Kg		94	80 - 128	0	20
m-Xylene & p-Xylene	100	98.8		ug/Kg		99	70 - 146	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-133958/6
Matrix: Solid
Analysis Batch: 133958

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
o-Xylene			50.0	51.0		ug/Kg		102	70 - 140	0	20
TBA			1000	868		ug/Kg		87	63 - 130	0	20
DIPE			50.0	57.0		ug/Kg		114	70 - 131	0	20
TAME			50.0	53.5		ug/Kg		107	70 - 140	0	20
Ethyl t-butyl ether			50.0	54.3		ug/Kg		109	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*110*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*106*		*60 - 140*
Toluene-d8 (Surr)	*98*		*58 - 140*

Lab Sample ID: LCSD 720-133958/8
Matrix: Solid
Analysis Batch: 133958

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			1000	966		ug/Kg		97	61 - 128	9	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*114*		*60 - 140*
Toluene-d8 (Surr)	*101*		*58 - 140*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-133894/1-A
Matrix: Water
Analysis Batch: 134240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133894

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH-Hydraulic Oil Range (C19-C36)	ND		99		ug/L		04/08/13 08:53	04/12/13 22:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*95*		*23 - 156*	*04/08/13 08:53*	*04/12/13 22:44*	*1*

Lab Sample ID: LCS 720-133894/2-A
Matrix: Water
Analysis Batch: 133880

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133894

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			2500	1850		ug/L		74	40 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*92*		*23 - 156*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 720-133894/3-A
Matrix: Water
Analysis Batch: 133880

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 133894

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			2500	1620		ug/L		65	40 - 150	14	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*101*		*23 - 156*

Lab Sample ID: MB 720-133923/1-A
Matrix: Solid
Analysis Batch: 133888

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133923

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH-Hydraulic Oil Range (C19-C36)	ND		49		mg/Kg		04/08/13 18:50	04/09/13 03:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*82*		*40 - 130*	*04/08/13 18:50*	*04/09/13 03:02*	*1*

Lab Sample ID: LCS 720-133923/2-A
Matrix: Solid
Analysis Batch: 133888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133923

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]			82.3	70.4		mg/Kg		86	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*93*		*40 - 130*

Lab Sample ID: LCSD 720-133923/3-A
Matrix: Solid
Analysis Batch: 133888

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 133923

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			82.5	72.1		mg/Kg		87	50 - 150	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*99*		*40 - 130*

Lab Sample ID: 720-48842-4 MS
Matrix: Solid
Analysis Batch: 133888

Client Sample ID: B6-S-14.5'
Prep Type: Total/NA
Prep Batch: 133923

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	6.4		83.1	70.0		mg/Kg		77	50 - 150

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 720-48842-4 MS
Matrix: Solid
Analysis Batch: 133888

Client Sample ID: B6-S-14.5'
Prep Type: Total/NA
Prep Batch: 133923

Surrogate	MS %Recovery	MS Qualifier	Limits
p-Terphenyl	*68*		*40 - 130*

Lab Sample ID: 720-48842-4 MSD
Matrix: Solid
Analysis Batch: 133888

Client Sample ID: B6-S-14.5'
Prep Type: Total/NA
Prep Batch: 133923

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	6.4		82.8	68.1		mg/Kg		75	50 - 150	3	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
p-Terphenyl	*59*		*40 - 130*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-133899/1-A
Matrix: Water
Analysis Batch: 133964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50		ug/L		04/08/13 10:33	04/09/13 19:34	1
PCB-1221	ND		0.50		ug/L		04/08/13 10:33	04/09/13 19:34	1
PCB-1232	ND		0.50		ug/L		04/08/13 10:33	04/09/13 19:34	1
PCB-1242	ND		0.50		ug/L		04/08/13 10:33	04/09/13 19:34	1
PCB-1248	ND		0.50		ug/L		04/08/13 10:33	04/09/13 19:34	1
PCB-1254	ND		0.50		ug/L		04/08/13 10:33	04/09/13 19:34	1
PCB-1260	ND		0.50		ug/L		04/08/13 10:33	04/09/13 19:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*62*		*28 - 124*	*04/08/13 10:33*	*04/09/13 19:34*	*1*
DCB Decachlorobiphenyl	*51*		*10 - 122*	*04/08/13 10:33*	*04/09/13 19:34*	*1*

Lab Sample ID: LCS 720-133899/2-A
Matrix: Water
Analysis Batch: 133964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4.00	3.74		ug/L		94	54 - 107
PCB-1260	4.00	4.01		ug/L		100	65 - 111

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	*51*		*28 - 124*
DCB Decachlorobiphenyl	*72*		*10 - 122*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 720-133899/3-A
Matrix: Water
Analysis Batch: 133964

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 133899

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			4.00	4.45	*	ug/L		111	54 - 107	17	20
PCB-1260			4.00	4.44		ug/L		111	65 - 111	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*60*		*28 - 124*
DCB Decachlorobiphenyl	*61*		*10 - 122*

Lab Sample ID: MB 720-134000/1-A
Matrix: Solid
Analysis Batch: 134142

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/09/13 14:22	04/11/13 15:04	1
PCB-1221	ND		50		ug/Kg		04/09/13 14:22	04/11/13 15:04	1
PCB-1232	ND		50		ug/Kg		04/09/13 14:22	04/11/13 15:04	1
PCB-1242	ND		50		ug/Kg		04/09/13 14:22	04/11/13 15:04	1
PCB-1248	ND		50		ug/Kg		04/09/13 14:22	04/11/13 15:04	1
PCB-1254	ND		50		ug/Kg		04/09/13 14:22	04/11/13 15:04	1
PCB-1260	ND		50		ug/Kg		04/09/13 14:22	04/11/13 15:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*45 - 132*	*04/09/13 14:22*	*04/11/13 15:04*	*1*
DCB Decachlorobiphenyl	*102*		*42 - 146*	*04/09/13 14:22*	*04/11/13 15:04*	*1*

Lab Sample ID: LCS 720-134000/2-A
Matrix: Solid
Analysis Batch: 134142

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134000

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016			133	124		ug/Kg		93	72 - 125
PCB-1260			133	127		ug/Kg		96	72 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*81*		*45 - 132*
DCB Decachlorobiphenyl	*87*		*42 - 146*

Lab Sample ID: LCSD 720-134000/3-A
Matrix: Solid
Analysis Batch: 134142

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134000

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			131	123		ug/Kg		94	72 - 125	1	20
PCB-1260			131	127		ug/Kg		97	72 - 125	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*79*		*45 - 132*
DCB Decachlorobiphenyl	*90*		*42 - 146*

GC/MS VOA

Analysis Batch: 133803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48842-5	B1-GW	Total/NA	Water	8260B/CA_LUFT MS	
720-48842-6	B3-GW	Total/NA	Water	8260B/CA_LUFT MS	
720-48842-7	B2-GW	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-133803/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-133803/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-133803/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-133803/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-133803/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 133935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48842-2	B2-S-13.5'	Total/NA	Solid	8260B/CA_LUFT MS	133949
720-48842-3	B3-S-14'	Total/NA	Solid	8260B/CA_LUFT MS	133949
LCS 720-133935/6	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 720-133935/8	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-133935/7	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-133935/9	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
MB 720-133935/5	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	

Prep Batch: 133949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48842-2	B2-S-13.5'	Total/NA	Solid	5030B	
720-48842-3	B3-S-14'	Total/NA	Solid	5030B	

Analysis Batch: 133958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48842-1	B1-S-13.5'	Total/NA	Solid	8260B/CA_LUFT MS	133989
LCS 720-133958/5	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 720-133958/7	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-133958/6	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-133958/8	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
MB 720-133958/4	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	

GC/MS VOA (Continued)

Prep Batch: 133989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48842-1	B1-S-13.5'	Total/NA	Solid	5030B	

GC Semi VOA

Analysis Batch: 133880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-133894/2-A	Lab Control Sample	Total/NA	Water	8015B	133894
LCSD 720-133894/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	133894

Analysis Batch: 133888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48842-4	B6-S-14.5'	Total/NA	Solid	8015B	133923
720-48842-4 MS	B6-S-14.5'	Total/NA	Solid	8015B	133923
720-48842-4 MSD	B6-S-14.5'	Total/NA	Solid	8015B	133923
720-48842-9	B5-S-14.5'	Total/NA	Solid	8015B	133923
720-48842-10	B4-S-17'	Total/NA	Solid	8015B	133923
LCS 720-133923/2-A	Lab Control Sample	Total/NA	Solid	8015B	133923
LCSD 720-133923/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	133923
MB 720-133923/1-A	Method Blank	Total/NA	Solid	8015B	133923

Prep Batch: 133894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48842-8	B6-GW	Total/NA	Water	3510C	
720-48842-11	B5-GW	Total/NA	Water	3510C	
720-48842-12	B4-GW	Total/NA	Water	3510C	
LCS 720-133894/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-133894/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-133894/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 133899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48842-8	B6-GW	Total/NA	Water	3510C	
720-48842-11	B5-GW	Total/NA	Water	3510C	
720-48842-12	B4-GW	Total/NA	Water	3510C	
LCS 720-133899/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-133899/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-133899/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 133923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48842-4	B6-S-14.5'	Total/NA	Solid	3546	
720-48842-4 MS	B6-S-14.5'	Total/NA	Solid	3546	
720-48842-4 MSD	B6-S-14.5'	Total/NA	Solid	3546	
720-48842-9	B5-S-14.5'	Total/NA	Solid	3546	
720-48842-10	B4-S-17'	Total/NA	Solid	3546	
LCS 720-133923/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-133923/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-133923/1-A	Method Blank	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Analysis Batch: 133964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48842-8	B6-GW	Total/NA	Water	8082	133899
720-48842-11	B5-GW	Total/NA	Water	8082	133899
720-48842-12	B4-GW	Total/NA	Water	8082	133899
LCS 720-133899/2-A	Lab Control Sample	Total/NA	Water	8082	133899
LCSD 720-133899/3-A	Lab Control Sample Dup	Total/NA	Water	8082	133899
MB 720-133899/1-A	Method Blank	Total/NA	Water	8082	133899

Prep Batch: 134000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48842-4	B6-S-14.5'	Total/NA	Solid	3546	
720-48842-9	B5-S-14.5'	Total/NA	Solid	3546	
720-48842-10	B4-S-17'	Total/NA	Solid	3546	
LCS 720-134000/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-134000/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-134000/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 134142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48842-4	B6-S-14.5'	Total/NA	Solid	8082	134000
720-48842-9	B5-S-14.5'	Total/NA	Solid	8082	134000
720-48842-10	B4-S-17'	Total/NA	Solid	8082	134000
LCS 720-134000/2-A	Lab Control Sample	Total/NA	Solid	8082	134000
LCSD 720-134000/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	134000
MB 720-134000/1-A	Method Blank	Total/NA	Solid	8082	134000

Analysis Batch: 134240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-48842-8	B6-GW	Total/NA	Water	8015B	133894
720-48842-11	B5-GW	Total/NA	Water	8015B	133894
720-48842-12	B4-GW	Total/NA	Water	8015B	133894
MB 720-133894/1-A	Method Blank	Total/NA	Water	8015B	133894

Lab Chronicle

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B1-S-13.5'

Lab Sample ID: 720-48842-1
Matrix: Solid
Date Collected: 04/02/13 14:05
Date Received: 04/03/13 14:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			133989	04/09/13 08:00	PD	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	133958	04/09/13 16:43	AC	TAL PLS

Client Sample ID: B2-S-13.5'

Lab Sample ID: 720-48842-2
Matrix: Solid
Date Collected: 04/02/13 14:35
Date Received: 04/03/13 14:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			133949	04/08/13 19:22	LL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	133935	04/09/13 01:10	AC	TAL PLS

Client Sample ID: B3-S-14'

Lab Sample ID: 720-48842-3
Matrix: Solid
Date Collected: 04/02/13 15:10
Date Received: 04/03/13 14:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			133949	04/08/13 19:22	LL	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	133935	04/09/13 01:39	AC	TAL PLS

Client Sample ID: B6-S-14.5'

Lab Sample ID: 720-48842-4
Matrix: Solid
Date Collected: 04/02/13 16:05
Date Received: 04/03/13 14:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			133923	04/08/13 18:50	DFR	TAL PLS
Total/NA	Analysis	8015B		1	133888	04/08/13 22:40	JZ	TAL PLS
Total/NA	Prep	3546			134000	04/09/13 14:22	DT	TAL PLS
Total/NA	Analysis	8082		1	134142	04/11/13 16:03	DH	TAL PLS

Client Sample ID: B1-GW

Lab Sample ID: 720-48842-5
Matrix: Water
Date Collected: 04/02/13 17:05
Date Received: 04/03/13 14:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	133803	04/05/13 23:16	AC	TAL PLS

Client Sample ID: B3-GW

Lab Sample ID: 720-48842-6
Matrix: Water
Date Collected: 04/02/13 17:20
Date Received: 04/03/13 14:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	133803	04/05/13 23:45	AC	TAL PLS

Client Sample ID: B2-GW

Lab Sample ID: 720-48842-7

Date Collected: 04/02/13 17:45

Matrix: Water

Date Received: 04/03/13 14:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	133803	04/06/13 00:13	AC	TAL PLS

Client Sample ID: B6-GW

Lab Sample ID: 720-48842-8

Date Collected: 04/02/13 18:25

Matrix: Water

Date Received: 04/03/13 14:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			133899	04/08/13 10:33	AM	TAL PLS
Total/NA	Analysis	8082		1	133964	04/09/13 18:13	JZ	TAL PLS
Total/NA	Prep	3510C			133894	04/08/13 08:53	MP	TAL PLS
Total/NA	Analysis	8015B		1	134240	04/12/13 21:17	DH	TAL PLS

Client Sample ID: B5-S-14.5'

Lab Sample ID: 720-48842-9

Date Collected: 04/03/13 08:55

Matrix: Solid

Date Received: 04/03/13 14:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			133923	04/08/13 18:50	DFR	TAL PLS
Total/NA	Analysis	8015B		1	133888	04/08/13 23:09	JZ	TAL PLS
Total/NA	Prep	3546			134000	04/09/13 14:22	DT	TAL PLS
Total/NA	Analysis	8082		1	134142	04/11/13 16:19	DH	TAL PLS

Client Sample ID: B4-S-17'

Lab Sample ID: 720-48842-10

Date Collected: 04/03/13 10:20

Matrix: Solid

Date Received: 04/03/13 14:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			133923	04/08/13 18:50	DFR	TAL PLS
Total/NA	Analysis	8015B		1	133888	04/08/13 23:38	JZ	TAL PLS
Total/NA	Prep	3546			134000	04/09/13 14:22	DT	TAL PLS
Total/NA	Analysis	8082		1	134142	04/11/13 16:35	DH	TAL PLS

Client Sample ID: B5-GW

Lab Sample ID: 720-48842-11

Date Collected: 04/03/13 11:20

Matrix: Water

Date Received: 04/03/13 14:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			133899	04/08/13 10:33	AM	TAL PLS
Total/NA	Analysis	8082		1	133964	04/09/13 18:29	JZ	TAL PLS
Total/NA	Prep	3510C			133894	04/08/13 08:53	MP	TAL PLS
Total/NA	Analysis	8015B		1	134240	04/12/13 21:46	DH	TAL PLS

Lab Chronicle

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Client Sample ID: B4-GW
Date Collected: 04/03/13 11:25
Date Received: 04/03/13 14:37

Lab Sample ID: 720-48842-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			133899	04/08/13 10:33	AM	TAL PLS
Total/NA	Analysis	8082		1	133964	04/09/13 18:45	JZ	TAL PLS
Total/NA	Prep	3510C			133894	04/08/13 08:53	MP	TAL PLS
Total/NA	Analysis	8015B		1	134240	04/12/13 22:15	DH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-14

Method Summary

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: CE2 Corporation
Project/Site: U.S.D.A. Los Banos 745 West "J" Street

TestAmerica Job ID: 720-48842-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-48842-1	B1-S-13.5'	Solid	04/02/13 14:05	04/03/13 14:37
720-48842-2	B2-S-13.5'	Solid	04/02/13 14:35	04/03/13 14:37
720-48842-3	B3-S-14'	Solid	04/02/13 15:10	04/03/13 14:37
720-48842-4	B6-S-14.5'	Solid	04/02/13 16:05	04/03/13 14:37
720-48842-5	B1-GW	Water	04/02/13 17:05	04/03/13 14:37
720-48842-6	B3-GW	Water	04/02/13 17:20	04/03/13 14:37
720-48842-7	B2-GW	Water	04/02/13 17:45	04/03/13 14:37
720-48842-8	B6-GW	Water	04/02/13 18:25	04/03/13 14:37
720-48842-9	B5-S-14.5'	Solid	04/03/13 08:55	04/03/13 14:37
720-48842-10	B4-S-17'	Solid	04/03/13 10:20	04/03/13 14:37
720-48842-11	B5-GW	Water	04/03/13 11:20	04/03/13 14:37
720-48842-12	B4-GW	Water	04/03/13 11:25	04/03/13 14:37

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA Pleasanton Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • FAX: (925) 600-3002

720-48842

Reference #: 145028

Date _____ Page 1 of 2

4/15/2013

Report To

Attn: Tom Berry
Company: CE2 Corp
Address: 6140 Stoneridge Mall Rd #500 Pleasanton
Email: Berry@ce2corp.com
Bill To:
Sampled By: Bruce Ruckter
Attn:
Phone:

Analysis Request

Sample ID	Date	Time	Mat.	Preserv.	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B	HVOCs by ☐ EPA 8260B	EPA 8260B ☒ Gas ☒ BTEX ☒ 5 Oxygenates ☐ DCA, EDB ☐ Ethanol	TEPH EPA 8015B ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	SemiVolatile Organics GC/MS ☐ EPA 8270C	PNA/PAH's by ☐ 8270C ☐ 8270C SIM	Oil and Grease (EPA 1664/9071) ☐ Petroleum ☐ Total	Pesticides (PCBs) ☐ EPA 8081 ☒ EPA 8082	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ 6010B ☐200.7 ☐ Lead ☐ LUFT ☐RCRA ☐ Other: ___	Metals: ☐ 6020 ☐ 200.8 (ICP-MS): ___	☐ W.E.T (STLC) ☐ W.E.T (DI) ☐ TCLP	Hex. Chrom by ☐ EPA 7196 ☐ or EPA 7199	pH ☐ 9040 ☐ SM4500	☐ Spec. Cond ☐ Alkalinity ☐ TSS ☐ SS ☐ TDS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4	☐ Perchlorate by EPA 314.0	COD ☐ EPA 410.4 ☐ SM5220D ☐ Turbidity	Hydraulic Fluid 8015 B	(Hydraulic Oil - Range Organics)	Number of Containers
B1-S-13.5'	4/2/13	1405	soil	none			X																		1
B2-S-13.5'	4/2/13	1435	soil	none			X																		1
B3-S-14'	4/2/13	1510	soil	none			X																		1
B6-S-14.5'	4/2/13	1605	soil	none								X										X			1
B1-GW	4/2/13	1705	GW	HCl			X																		4
B3-GW	4/2/13	1720	GW	HCl			X																		4
B2-GW	4/2/13	1745	GW	HCl			X																		4
B6-GW	4/2/13	1835	GW	none								X										X			4
B5-S-14.5'	4/3/13	855	soil	none								X										X			1
Oxygenates	include: DIPE, ETBE, MTBE, TAME & TBA																								

Project Info

Project Name/ #: U.S.D.A. Los Banos
745 West "J" Street
PO#:

Sample Receipt

of Containers:
Head Space:
Temp: 0.5°C
Credit Card Y/N:
If yes, please call with payment information ASAP

TAT: 10 Day | 5 Day | 4 Day | 3 Day | 2 Day | 1 Day | Other:

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ EDF
Special Instructions / Comments: ☐ Global ID _____

See Terms and Conditions on reverse

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: Bruce Ruckter 1437	Signature:	Signature:
Printed Name: Bruce Ruckter	Printed Name:	Printed Name:
Date: 4/3/2013	Date:	Date:
Company: CE2 Corp.	Company:	Company:
Time:	Time:	Time:

1) Received by:	2) Received by:	3) Received by:
Signature: 1437	Signature:	Signature:
Printed Name: Mullen	Printed Name:	Printed Name:
Date: 4-3-2013	Date:	Date:
Company:	Company:	Company:
Time:	Time:	Time:

720-48842 Chain of Custody

Rev 10/2012

TestAmerica
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TESTAMERICA Pleasanton Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 600-3002

720-48842

Reference # 145028

Date _____ Page 2 of 2

4/15/2013

Report To

Attn: Tom Berry
Company: CE2 Corp.
Address: 6140 Stoneridge Mall Rd #500 Pleasanton
Email: Berry@ce2corp.com
Bill To:
Sampled By: Bruce Rucker
Attn.
Phone:

Analysis Request

Sample ID	Date	Time	Matrix	Preserv.	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B	HVOCs by ☐ EPA 8260B	EPA 8260B: ☐ Gas ☐ BTEX ☐ 5 Oxygenates ☐ DCA, EDB ☐ Ethanol	TEPH EPA 8015B ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	SemiVolatile Organics GC/MS ☐ EPA 8270C	PNA/PAH's by ☐ 8270C ☐ 8270C SIM	Oil and Grease (EPA 1664/9071) ☐ Petroleum ☐ Total	Pesticides ☐ EPA 8081 PCBs ☒ EPA 8082	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ 6010B ☐ 200.7 ☐ Lead ☐ LUFT ☐ RCRA ☐ Other ___	Metals: ☐ 6020 ☐ 200.8 (ICP-MS): ___	☐ W.E.T (STLC) ☐ W.E.T (DI) ☐ TCLP	Hex. Chrom by ☐ EPA 7196 ☐ or EPA 7199	pH ☐ 9040 ☐ SM4500	☐ Spec Cond. ☐ Alkalinity ☐ TSS ☐ SS ☐ TDS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4	☐ Perchlorate by EPA 314.0	COD ☐ EPA 410.4 ☐ SM5220D ☐ Turbidity	Hydraulic Fluid 8015B	(Hydraulic Oil-Range Organics)	Number of Containers
B4-5-17'	4/3/13	1020	Soil	none								X											X		1
B5-GW	4/3/13	1120	GW	none								X											X		4
B4-GW	4/3/13	1125	GW	none								X											X		4
Soil IDW	4/3/13	1230	Soil	none									← HOLD	→											2

Project Info

Project Name/ #: U.S.D.A., Los Banos 745 West "J" Street
PO#

Sample Receipt

of Containers:
Head Space:
Temp: 0.5°C

Credit Card Y/N — If yes, please call with payment information ASAP

TAT: 10 Day | (5 Day) | 4 Day | 3 Day | 2 Day | 1 Day | Other:

Report: ☒ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ EDF
Special Instructions / Comments: ☐ Global ID _____

See Terms and Conditions on reverse

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Bruce M. Rucker 1437 (Signature / Time)	Signature / Time	Signature / Time
Bruce Rucker 4/3/2013 (Printed Name / Date)	Printed Name / Date	Printed Name / Date
CE2 Corp. (Company)	Company	Company

1) Received by:	2) Received by:	3) Received by:
Signature / Time	Signature / Time	Signature / Time
Printed Name / Date	Printed Name / Date	Printed Name / Date
Company	Company	Company

Rev.10/2012

Login Sample Receipt Checklist

Client: CE2 Corporation

Job Number: 720-48842-1

Login Number: 48842

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Mullen, Joan

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	False	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix D

Waste Transportation and Disposal Documentation

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4/8

ABQ

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAC002723963	1	(800) 783-7225	005037445 FLE

GENERATOR

5. Generator's Name and Mailing Address
USDA – Natural Resources Conservation Services
745 West J Street
Los Banos, CA 93635
Generator's Phone: (415) 407-1264

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Advanced Chemical Transport Inc. (SV) — U.S. EPA ID Number: CAR 000 070 540

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Chemical Treatment
6123 Edith Blvd NE
Albuquerque, NM 87107
Facility's Phone: 505-349-5220
U.S. EPA ID Number: NMD 002 206 627

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. ~~RQ~~ UN1263, Waste Paint Related Material, 3, PG II ~~(D001)~~	1	Df	15	P	D001	D035	F003
						343		
X	2. UN1203, Waste Gasoline, 3, PG II	1	Df	7	P	D001	D018	213
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1) ACT19039 USM-001 (1X55A) ERG 128
2) ACT19040 USM-002 (1X55A) ERG 128
3)
26505 / D30384

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bryce Rucker-CEJ Low - agent for USDA — Signature: [signature] — Month: 3 — Day: 28 — Year: 13

TRANSPORTER INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Farrington — Signature: [signature] — Month: 3 — Day: 28 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141		

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Kenneth C. Gorka — Signature: [signature] — Month: 4 — Day: 16 — Year: 13

4/8

ABG

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002723963
2. Page 1 of: 1
3. Emergency Response Phone: (808) 785-7225
4. Manifest Tracking Number: 005037445 FLE

5. Generator's Name and Mailing Address:
USDA – Natural Resources Conservation Services
745 West J Street
Los Banos, CA 93635
Generator's Phone: (415) 407-1264

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Advanced Chemical Transport Inc. (SV) — U.S. EPA ID Number: CAR 000 070 540

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Advanced Chemical Treatment
6133 Edith Blvd NE
Albuquerque, NM 87107
Facility's Phone: 505-349-5220
U.S. EPA ID Number: NMD 002 208 627

GENERATOR

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1263, Waste Paint Related Material, 3, PG II	1	Df	15	P	D001	D035	F003
						343		
X	2. UN1203, Waste Gasoline, 3, PG II	1	Df	7	P	D001	D018	213
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1) ACT19039 USR-001 (1X5G/T) ERG 128
2) ACT19040 USR-002 (1X5G/T) ERG 128
3)

26505 / D30384

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bruce Rucker - CEdCorp - agent for USDA
Signature: [signature]
Month 3 Day 28 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Farrington — Signature: [signature] — Month 3 Day 28 Year 13
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141		

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Robert C. Goff — Signature: [signature] — Month 4 Day 16 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Waste Acceptance Notification

****

Bill To

CE2 Corporation
6140 Stoneridge Mall Road Suite 500
Pleasanton , CA 95188

Ship From:

USDA - Natural Resources Conservation Service
745 West J Street
Los Banos , CA 93635

RECEIVED
APR 0 1 2013

Waste Stream #:	ACT19040
Waste Description:	GASOLINE IN GAS CAN
Profile Start Date:	MAR-27-2013
Profile Expiration Date:	MAR-27-2014

We thank you for choosing Advanced Chemical Transport and Advanced Chemical Treatment to comply with your hazardous waste management requirements. Your waste has been reviewed and is found acceptable for management by our Albuquerque NM facility.

Our company has the necessary permit(s) to appropriately manage your accepted waste. Note the identification nymber of the waste ACT19040 on all correspondence. Please retain these documents for your files and future reference.

Acceptance Information:

This waste, as identified as ACT19040 is accepted in our program for H141 - Storage, bulking, and/or transfer off-site - no treatment (H040-H129), fuel blending (H061), or disposal (H131-H135) at this site with Systech Environmental Corp. in Fredonia , KS.

Containers offered for transportation must be in UN/DOT approved containers

This waste will be cleared for delivery beginning MAR-27-2013 through MAR-27-2014, or when another revision is required to maintain acceptance.

Note: The identification number of the waste, ACT19040, must be written on every container offered for transport.

To schedule a shipment please contact your sales representative Bruce Wescott directly or one of our facilities at 1-888-785-7225.

Respectfully,

Ron Startks
Hazardous Waste Coordinator

US26671

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAC002723963	2	1-888-785-7225	006085716 FLE

GENERATOR

5. Generator's Name and Mailing Address

USDA - Natural Resources Conservation Service
745 West J Street
Los Banos, CA 93635

Generator's Phone: 415-407-1284

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Advanced Chemical Transport Inc. (SV) — U.S. EPA ID Number: CAR000070540

7. Transporter 2 Company Name: Clean Harbors Env Inc — U.S. EPA ID Number: MAD039322250

8. Designated Facility Name and Site Address: Clean Harbors Aragonite, LLC, 11600 N. Aptus Road, Aragonite, UT 84029 — U.S. EPA ID Number: UTD981552177

Facility's Phone: 435-884-8100

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3082, Environmentally hazardous substances, liquid, n.o.s. (DIAZINON), 9, PGIII	1	DF	6	P	331
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Project Number 26505 Document #: D30153

1)ERG#171; CH522546 USC-001 (1x5g)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Bruce Rucker CE2 Corp. agent for USDA	B.M. Rucker	3	28	13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

	Printed/Typed Name	Signature	Month	Day	Year
Transporter 1	Bobby Farrington	[signature]	3	28	13
Transporter 2	[handwritten name]	[signature]	4	12	13

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H040			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
William Beaty	[signature]	4	29	13

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: CAC002723963 | 22. Page: 2 of 2 | 23. Manifest Tracking Number: 006085716 FLE

24. Generator's Name: USDA - NATURAL RESOURCES

25. Transporter 3 Company Name: CLEAN HARBORS ENV. SVC. | U.S. EPA ID Number: MAD039322250

26. Transporter 4 Company Name: CLEAN HARBORS | U.S. EPA ID Number: MAD039322250

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes

TP+OT

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter 3 Acknowledgment of Receipt of Materials
Printed/Typed Name: ALEJANDRO LAGOS | Signature: Alejandro Lagos | Month: 4 | Day: 18 | Year: 13

34. Transporter 4 Acknowledgment of Receipt of Materials
Printed/Typed Name: Santa C. Hughes | Signature: Santa C Hughes | Month: 4 | Day: 18 | Year: 13

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: CAL 002723963

22. Page: 3 of 3

23. Manifest Tracking Number: 00608 716 FLE

24. Generator's Name: USDA - Natural Research Conservation Service

25. Transporter 5 Company Name: Clean Harbors Env. — U.S. EPA ID Number: MAD039322250

26. Transporter 6 Company Name: Clean Harbors — U.S. EPA ID Number: MAD 039322250

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes

32. Special Handling Instructions and Additional Information

GENERATOR

33. Transporter 5 Acknowledgment of Receipt of Materials
Printed/Typed Name: Jesse Gonzales — Signature: [signature] — Month 4 Day 23 Year 13

34. Transporter 6 Acknowledgment of Receipt of Materials
Printed/Typed Name: Judy Jameson — Signature: [signature] — Month 4 Day Year 13

TRANSPORTER

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

DESIGNATED FACILITY

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Clean Harbors Aragonite LLC
11600 North Aptus Road
Grantsville UT, 84029
UTD981552177
(435) 884-8100

CERTIFICATE OF DISPOSAL

Generator Contact Name:		Sales Order #:	7J5135872
Generator Facility Name:	USDA - Natural Resources Conservation Service	Date Received:	4/29/2013
Generator Address:	745 West J Street Los Banos, CA 93635		
Generator EPA ID:	CAC002723963	Manifest #:	006085716FLE

Line #	Profile/Description	Disposal Date	Method of Disposal	Disposal Facility
1	CH622546 Diazinon liquid	5/8/2013	Incineration	Aragonite, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Name: Paul A. Mills

Title: VP Environmental Applications

Date: Thursday, May 09, 2013

7JS1358715
US26671

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC002723963	1	1-888-765-7225	006085717 FLE

GENERATOR

5. Generator's Name and Mailing Address

USDA - Natural Resources Conservation Service
745 West J Street
Los Banos, CA 93635
Generator's Phone: 415-407-1264

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Advanced Chemical Transport Inc. (SV)
U.S. EPA ID Number: CAR000070540

7. Transporter 2 Company Name: Clean Harbors Env Svc
U.S. EPA ID Number: MAD039937855

8. Designated Facility Name and Site Address
Clean Harbors of San Jose, LLC (San Jose Facility)
1021 Berryessa Road
San Jose, CA 95133
Facility's Phone: 408-441-0962
U.S. EPA ID Number: CAD059494310

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	UN3077, Environmentally hazardous substances, solid, n.o.s. (Acetic acid ethenyl ester, polymer with chloroethene), 9, PGIII	1	DF	81	P	331
	2.					
	3.					
	4.					

AFFIX TO RIGHT SIDE OF ALL HAZARDOUS MATERIALS BILLS AT LIN SO TAB WILL STICK OUT
HAZTAB / G C LABEL 1-800-967-6966

14. Special Handling Instructions and Additional Information

Project Number: 26505 Document #: D30155
1) ERG#171; CH622548 USC-001 (1x30%)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bruce Rucker CE2 Corp- agent for USDA
Signature: B.M. Rucker
Month: 3 Day: 28 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Farrington
Signature:
Month: 3 Day: 28 Year: 13

Transporter 2 Printed/Typed Name: Ron R Dunn
Signature:
Month: 4 Day: 2 Year: 13

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Santa C Hubner
Signature: Santa C Hubner
Month: 4 Day: 19 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: CAC002723963 | 22. Page: 2 of 2 | 23. Manifest Tracking Number: 006085717 FLE

24. Generator's Name: USDA - NATURAL RESOURCES

25. Transporter 3 Company Name: CLEAN HARBORS ENV. SVC | U.S. EPA ID Number: MAD039322250

26. Transporter _____ Company Name | U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	01					
	R + C					
	A +					

32. Special Handling Instructions and Additional Information

GENERATOR

TRANSPORTER

33. Transporter 3 Acknowledgment of Receipt of Materials
Printed/Typed Name: ARMANDO LAGOS | Signature: [signature] | Month: 04 | Day: 18 | Year: 13

34. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

Clean Harbors San Jose LLC
1021 Berryessa Road
San Jose CA, 95133
CAD059494310
(408) 441-0962

CERTIFICATE OF DISPOSAL

Generator Contact Name:		Sales Order #:	7J5135875
Generator Facility Name:	USDA - Natural Resources Conservation Service	Date Received:	4/18/2013
Generator Address:	745 West J Street Los Banos, CA 93635		
Generator EPA ID:	CAC002723963	Manifest #:	006085717FLE

Line #	Profile/Description	Disposal Date	Method of Disposal	Disposal Facility
1	CH622549 VINYL RESIN POWDER	6/11/2013	Landfill	Buttonwillow, CA Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Name: Paul A. Mills

Title: VP Environmental Applications

Date: Wednesday, June 12, 2013

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002723963
2. Page 1 of: 1
3. Emergency Response Phone: 1-866-785-7225
4. Manifest Tracking Number: 006085718 FLE

GENERATOR

5. Generator's Name and Mailing Address
USDA - Natural Resources Conservation Service
745 West J Street
Los Banos, CA 93635
Generator's Phone: 415-407-1284

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Advanced Chemical Transport Inc. (SV)
U.S. EPA ID Number: CAR000070540

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
US Ecology Nevada, Inc
PO Box 578, Hwy 95, 11 Miles S Beatty
Beatty, NV 89003
Facility's Phone: 775-553-2203
U.S. EPA ID Number: NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	~~NON RCRA HAZARDOUS WASTE, LIQUID (OILY WATER)~~				~~P~~	~~343~~		
	NON RCRA HAZARDOUS WASTE, LIQUID (OIL IN CONTAINERS)	1	DF	14	P	343		
	~~NON RCRA HAZARDOUS WASTE, LIQUID (DEVELOPER SOLUTION)~~				~~P~~	~~541~~		
	4.							

14. Special Handling Instructions and Additional Information
Project Number: 26505 Document #: D3015E
~~1)ERG#: USU-~~
~~2)ERG#: USU-~~
2)ERG#: USU-001 (1x50yd) 07013570-6974

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bryce Rucker CE2 Corp. agent for USDA
Signature: Bryce Rucker
Month: 3 Day: 28 Year: 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bobby Farrington
Signature:
Month: 3 Day: 28 Year: 13

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
	H039		

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Tyler Young Young
Signature: Tyler Young
Month: 4 Day: 2 Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Waste Acceptance Notification

****

Bill To

CE2 Corporation
6140 Stoneridge Mall Road Suite 500
Pleasanton , CA 95188

Ship From:

USDA - Natural Resources Conservation Service
745 West J Street
Los Banos , CA 93635

RECEIVED
APR 0 1 2013

Waste Stream #:	ACT19039
Waste Description:	OIL BASED PAINT IN CANS
Profile Start Date:	MAR-27-2013
Profile Expiration Date:	MAR-27-2014

We thank you for choosing Advanced Chemical Transport and Advanced Chemical Treatment to comply with your hazardous waste management requirements. Your waste has been reviewed and is found acceptable for management by our Albuquerque NM facility.

Our company has the necessary permit(s) to appropriately manage your accepted waste. Note the identification nymber of the waste ACT19039 on all correspondence. Please retain these documents for your files and future reference.

Acceptance Information:

This waste, as identified as ACT19039 is accepted in our program for H141 - Storage, bulking, and/or transfer off-site - no treatment (H040-H129), fuel blending (H061), or disposal (H131-H135) at this site with Rineco Chemical Industries, Inc in Benton , AR.

Containers offered for transportation must be in UN/DOT approved containers

This waste will be cleared for delivery beginning MAR-27-2013 through MAR-27-2014, or when another revision is required to maintain acceptance.

Note: The identification number of the waste, ACT19039, must be written on every container offered for transport.

To schedule a shipment please contact your sales representative Bruce Wescott directly or one of our facilities at 1-888-785-7225.

Respectfully,

Ron Startks
Hazardous Waste Coordinator

5/2

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002723063
2. Page 1 of 2
3. Emergency Response Phone: 1-888-785-7225
4. Manifest Tracking Number: 006085782 FLE

5. Generator's Name and Mailing Address
USDA - Natural Resources Conservation Service
745 West J Street
Los Banos, CA 93635
Generator's Phone: 415-407-1284

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Advanced Chemical Transport Inc. (SV) — U.S. EPA ID Number: CAR000070540

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Advanced Chemical Treatment, 6133 Edith Blvd NE, Albuquerque, NM 87107 — U.S. EPA ID Number: NMD002208627
Facility's Phone: 505-349-5220

GENERATOR

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	UN1789, Waste Hydrochloric acid, 8, PGII	1	DF	7	P	551	D002	
X	UN2014, Waste Hydrogen peroxide, ~~5.1 (8), PGII~~ Aqueous Solutions, 5.1 (8) II	1	DF	8	P	551	D001	D002
X	UN2672, Waste Ammonia solutions, 8, PGIII	1	DF	35	P	551	D002	
X	UN2810, Toxic, liquids, organic, n.o.s. (Triethanolamine, Ammonium Chloride), 6.1, PGII	1	DF	34	P	551		

14. Special Handling Instructions and Additional Information
Project Number 27997 Document #: D32113
1)ERG#157; ACT18278 USA-001 (1x5G/T)
2)ERG#140; ACT18278 USA-002 (1x5G/T)
3)ERG#154; ACT18278 USA-003 (1x5G/T)
4)ERG#153; ACT18278 USA-004 (1x5G/T)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brian Ruder (E) Corp — Signature: [signature] — Month/Day/Year: 1/29/13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Robby Farrington — Signature: [signature] — Month/Day/Year: 1/29/13
Transporter 2 Printed/Typed Name: — Signature: — Month/Day/Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H141 3. H141 4. H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Kristen C Garcia — Signature: [signature] — Month/Day/Year: 5/14/13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: CAC002723953

22. Page: 2 of 2

23. Manifest Tracking Number: 006085782FLE

24. Generator's Name: USDA - Natural Resources Conservation Service
745 West J Street
Los Banos, CA 93635

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

GENERATOR

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
X	5) UN3288, Waste Toxic solid, inorganic, n.o.s. (Sodium Bicarbonate, Calcium Carbonate), 6.1, PGII	1	DF	19	P	551	D005	D008
X	6) UN1993, Waste Flammable liquids, n.o.s. (Acetone, Denatured Alcohol), 3, PGII	1	DF	15	P	551	D001	F003
X	7) UN1823, Sodium hydroxide, solid, 8, PGII	1	DF	6	P	551		
X	8) UN2811, Toxic solids, organic, n.o.s. (Benzidine Hydrochloride), 6.1, PGII	1	DF	5	P	551		

32. Special Handling Instructions and Additional Information
6) ERG#151; ACT19278 USA 003 (1x55Ft); 6) ERG#128; ACT19278 USA 006 (1x50Ft); 7) ERG#154; ACT19278 USA 007 (1x50Ft); 8) ERG#154; ACT19278 USA 006 (1x50Ft)

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

34. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
H141 | H141 | H141 | H141

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

GENERATOR NAME	MANIFEST NUMBER
USDA - Natural Resources Conservation Service	006085782FLE

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
1	ACT19278 / ACT19278	551 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
2	ACT19278 / ACT19278	551 D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
3	ACT19278 / ACT19278	551 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
4	ACT19278 / ACT19278	551			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
5	ACT19278 / ACT19278	551 D005 D006			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
6	ACT19278 / ACT19278	551 D001 F003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
7	ACT19278 / ACT19278	551			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
8	ACT19278 / ACT19278	551			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

SPECIAL CONDITIONS:

4/29/13 DATE

A. Waste Requiring No Further Treatment
B. Lab Pack Waste Qualifying for Alternative Treatment und 40 CFR 268.40
C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268 (list contaminants)
E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(i); are treated on-site to remove hazardous characteristic; and are sent off-site for treatment underlying hazardous constituents (list constituents)
G. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(i) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRA TSDF handling wastes subject to 40 CFR 61 subpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
I. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
J. Certification for contaminated soil treated in accordance with 40 CFR 268.49
Waste analysis is attached where available; otherwise the information contained herin is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I have submitted is true, accurate and complete.

SIGNATURE	TITLE
Brian M Little	CE2 Corp Prg. Mgr

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION A

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I have submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that lab pack contains only wastes which have not been excluded under appendix iv to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION I

I certify under penalty of law that I personally have examined this contaminated soil and it [DOES/DOES NOT] contain listed hazardous waste and [DOES/DOES NOT] exhibit a characteristic of hazardous waste and requires treatment to meet the soil treatment standards as provided by 268.49(c).

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION J

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

*****ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST*****

US26671

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number CAC002723963	2. Page 1 of 32	3. Emergency Response Phone 1-888-785-7225	4. Manifest Tracking Number 006085807 FLE

GENERATOR

5. Generator's Name and Mailing Address
USDA - Natural Resources Conservation Service
745 West J Street
Los Banos, CA 93635
Generator's Phone: 415-407-1284

Generator's Site Address (if different than mailing address)
[redacted]

6. Transporter 1 Company Name: Advanced Chemical Transport Inc. (SV) — U.S. EPA ID Number: CAR000070540

7. Transporter 2 Company Name: CLEAN HARBORS — U.S. EPA ID Number: MAD039322250

8. Designated Facility Name and Site Address
Clean Harbors Aragonite, LLC
11600 N. Aptus Road
Aragonite, UT 84029
Facility's Phone: 435-884-8100
U.S. EPA ID Number: UTD981552177

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	UN3098, Waste Oxidizing liquid, corrosive, n.o.s. (hydrogen peroxide 3%, water), 5.1 (8), PGII	1	DF	38	P	D001	D002	331
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Project Number 27987 Document #: D32498
1)ERG#140; CH828187 USC-001 (1 x 55 G/T)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Bobby Farrington on Behalf of USDA — Signature: [signature] — Month 04 Day 29 Year 13

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bobby Farrington — Signature: [signature] — Month 04 Day 29 Year 13
Transporter 2 Printed/Typed Name: MD18658/NA — Signature: [signature] — Month 5 Day 17 Year 13

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H040	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: William Beaty — Signature: [signature] — Month 6 Day 5 Year 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) **SC MA PPW 3/3/2011** Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: CAC002723963

22. Page: 2 of 3

23. Manifest Tracking Number: 006085807 FLE

24. Generator's Name: USDA - NATURAL RESOURCES CONSERVATION SRV.

25. Transporter 3 Company Name: Clean Harbors Environmental Services Inc — U.S. EPA ID Number: MAD069322260

26. Transporter 4 Company Name: Clean Harbors Env. Srvs — U.S. EPA ID Number: MAD039322250

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes

f x or x

32. Special Handling Instructions and Additional Information

33. Transporter 3 Acknowledgment of Receipt of Materials
Printed/Typed Name: ARMANDO LARIOS — Signature: [signature] — Month 5 Day 22 Year 13

34. Transporter 4 Acknowledgment of Receipt of Materials
Printed/Typed Name: Margarita Ortega — Signature: Margarita Ortega — Month 5 Day 22 Year 13

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

GENERATOR / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) **SC MA PPW 3/3/2011** Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: CAC002723963

22. Page: 3 of 13

23. Manifest Tracking Number: 006085807FLE

24. Generator's Name: USDA – Natural Resources Conservation Service

25. Transporter 5 Company Name: Clean Harbors Environmental Services Inc — U.S. EPA ID Number: MAD039322250

26. Transporter 6 Company Name: Clean Harbors Env Ser — U.S. EPA ID Number: MAD039322250

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes

TRD

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter 5 Acknowledgment of Receipt of Materials
Printed/Typed Name: Jesse Gonzales — Signature — Month 5 Day 31 Year 13

34. Transporter 6 Acknowledgment of Receipt of Materials
Printed/Typed Name: Judy Jameson — Signature — Month 6 Day 3 Year 13

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

CleanHarbors®
ENVIRONMENTAL SERVICES, INC.

LDR NOTIFICATION FORM

Generator Name USDA – Natural Resources Conservation **Manifest No.** *006085807FLE*

Pursuant to 40 CFR §268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268 Land Disposal Restrictions (LDR).

A. GENERAL WASTE NOTIFICATION

Form Line No.	CH Profile No.	EPA Waste Codes & LDR Subcategories (if any) *List codes or use Attachment 1*	NWW	WW	Waste Constituent Notification *Check the "None" box or List Legend Constituent # or use Attachment 2*
1	*CH629197*	D001, D002 ☐ Check if Attachment 1 has been used	☐	☐	☐ None ☐ Check if Attachment 2 has been used
2		☐ Check if Attachment 1 has been used	☐	☐	☐ None ☐ Check if Attachment 2 has been used
3		☐ Check if Attachment 1 has been used	☐	☐	☐ None ☐ Check if Attachment 2 has been used
4		☐ Check if Attachment 1 has been used	☐	☐	☐ None ☐ Check if Attachment 2 has been used
5		☐ Check if Attachment 1 has been used	☐	☐	☐ None ☐ Check if Attachment 2 has been used
6		☐ Check if Attachment 1 has been used	☐	☐	☐ None ☐ Check if Attachment 2 has been used

B. HAZARDOUS DEBRIS NOTIFICATION

☐ This hazardous debris, as identified above on Line No(s). _____ is subject to the alternative treatment standards of 40 CFR §268.45.

The waste contains the following contaminants subject to treatment (check all that apply):

☐ Toxicity characteristic debris ☐ Debris contaminated with listed waste ☐ Cyanide reactive debris

C. CONTAMINATED SOIL NOTIFICATION & CERTIFICATION

☐ This contaminated soil, as identified above on Line No(s). _____ is subject to the alternative treatment standards of 40 CFR §268.49(c).

Complete the following: "I certify under penalty of law that I personally have examined this contaminated soil & it [☐does / ☐does not] contain listed hazardous waste & [☐does / ☐does not] exhibit a characteristic of hazardous waste & [☐is subject to / ☐complies with] soil treatment standards as provided by §268.49(c) or the universal treatment standards". *Note: Constituents subject to treatment are any constituents listed in 40 CFR §268.48 Universal Treatment Standards that are reasonably expected to be present in any given volume of contaminated soil, except fluoride, selenium, sulfides, vanadium & zinc, & are present at concentrations greater than ten times the universal treatment standard.*

D. LAB PACK (INCINERATION) NOTIFICATION & CERTIFICATION

☐ This lab pack, as identified above on Line No(s). _____ is subject to the alternative treatment standards of 40 CFR §268.42(c).

"I certify under penalty of law that I personally have examined & am familiar with the waste & that the lab pack contains only wastes that have not been excluded under Appendix IV to 40 CFR Part 268 & that this lab pack will be sent to a combustion facility in compliance with the alternative treatment standards for lab packs at 40 CFR §268.42(c). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment".

E. EXTENSIONS & VARIANCES

☐ This waste, as identified above on Line No(s). _____ is not prohibited from land disposal & is subject to a deadline extension or variance, e.g., treatability variance, case-by-case extension. *Describe below any extension or variance that applies to this waste & include applicable dates:*

Generator's Authorized Signature	Name & Title (Printed or Typed)	Date
	Bobby Farrington Tech 3	04 / 29 / 13

Clean Harbors Aragonite LLC
11600 North Aptus Road
Grantsville UT, 84029
UTD981552177
(435) 884-8100

CERTIFICATE OF DISPOSAL

Generator Contact Name:		Sales Order #:	7J5228473
Generator Facility Name:	USDA - Natural Resources Conservation Service	Date Received:	6/5/2013
Generator Address:	745 West J Street Los Banos, CA 93635		
Generator EPA ID:	CAC002723963	Manifest #:	006085807FLE

Line #	Profile/Description	Disposal Date	Method of Disposal	Disposal Facility
1	CH629197 Oxidizing Corrosive Liquid	6/16/2013	Incineration	Aragonite, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Name: Paul A. Mills

Title: VP Environmental Applications

Date: Monday, June 17, 2013

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC002723963

Manifest Document No. 032118

2. Page 1 of 1

3. Generator's Name and Mailing Address
USDA - Natural Resources Conservation Service
745 West J Street
Los Banos, CA 93635

4. Generator's Phone (415-407-1264

5. Transporter 1 Company Name: Advanced Chemical Transport Inc. (SV)

6. US EPA ID Number: CAR000070540

A. State Transporter's ID

B. Transporter 1 Phone: 408-548-5050

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Advanced Chemical Transport, Inc. (Mod)
265 Riggs Ave
Merced, CA 95341

10. US EPA ID Number

E. State Facility's ID: CAL000336454

F. Facility's Phone: 209-722-4228

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
NON DOT REGULATED MATERIAL (WATER)	1	DM	19	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

Project Number: 27997

1) ERG#; 108670CA USA 001 (1 x 55 gal)

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month / Day / Year)
X Bruce Ruder GEO Dep.	X [signature]	4 / 29 / 13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
Bobby Farrington	[signature]	4 / 29 / 13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
		/ /

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month / Day / Year)
J Pore	[signature]	5 / 14 / 13

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAC002723963

Manifest Document No.: 032120

2. Page 1 of 1

3. Generator's Name and Mailing Address:
USDA - Natural Resources Conservation Service
745 West J Street
Los Banos, CA 93635

4. Generator's Phone (415-407-1264

5. Transporter 1 Company Name: Advanced Chemical Transport Inc. (SV)

6. US EPA ID Number: CAR000070540

A. State Transporter's ID

B. Transporter 1 Phone: 408-545-5050

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address:
Advanced Chemical Transport, Inc. (Mod)
265 Riggs Ave
Merced, CA 95341

10. US EPA ID Number

E. State Facility's ID: CAL000336454

F. Facility's Phone: 209-722-4228

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
NON DOT REGULATED MATERIAL (SOIL)	1	DM	370	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

Project Number 27897

1) ERG#: ACT19036 USA 001 (1x55A)

032120

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month / Day / Year)
Bruce Ricker (EQ Corp.)	B. Ricker	4 / 29 / 13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
Bobby Farrington		4 / 29 / 13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month / Day / Year)
William Coleman		04 / 30 / 13

NON-HAZARDOUS WASTE

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. 7L5CE-11

Carrier No.

Page 1 of 1

Advanced Chemical Transport Inc. (SV)

(Name of carrier) (SCAC)

Date 5/8/13

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:
Consignee Advanced Chemical Transport, Inc (LA)
Street 13722 Carmenita Road
City Santa Fe Springs State, CA Zip Code 90670

FROM:
Shipper USDA - Natural Resources Conservation Service
Street 745 West J Street
City Los Banos State CA Zip Code 93635

24 hr. Emergency Contact Tel. No. 1-888-785-7225

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 cf		1) Universal Waste Lamps, Fluorescent Lamps (4FT TUBES) (ACT19034-EA)	6 ea	P		

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding ________ per ________."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

________ Signature

REMIT C.O.D. TO: ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked
Check box if charges are to be collect ☐

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER USDA - Natural Resources Conservation Service
PER Bruno Rivlin - agent for USDA
CE2 Corp.

CARRIER Advanced Chemical Transport Inc. (SV)
PER [signature]
DATE 5/8/13

4

Permanent post-office address of shipper.

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. D30157

Carrier No. ______

Advanced Chemical Transport Inc. (SV)

Page 1 **of** 1

(Name of carrier) (SCAC)

Date 3/4/13

On Collect on Delivery shipments, the letters"COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO: Consignee: Golden By-Products, Inc. Scrap Tire Co.

Street: 13000 Newport Rd

City: Ballico State, CA Zip Code 95303

FROM: Shipper: USDA - Natural Resources Conservation Service

Street: 745 West J Street

City: Los Banos State: CA Zip Code: 93635

24 hr. Emergency Contact Tel. No. 1-888-785-7225

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
6 x Tire		1) Non-DOT Regulated Material, Used Tires for Recycling (ACT13045)	100	P		

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding ______ per ______."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

______ Signature

REMIT C.O.D. TO: ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked. Check box if charges are to be collect ☐

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: USDA - Natural Resources Conservation Service

PER: [signature] CE2/op. agent for USDA

CARRIER: Advanced Chemical Transport Inc. (SV)

PER: [signature]

DATE: 3/6/13

4

Permanent post-office address of shipper.